

CITY OF DOVER.

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ANNUAL REPORT

OF THE

RECEIPTS AND EXPENDITURES

AND OF THE

SEVERAL DEPARTMENTS

FOR THE MUNICIPAL YEAR 1887.



DOVER, N. H. :  
ROBERT W. WELCH, PRINTER.  
1888.



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DOVER, N. H., February 11, 1888.

J. B. STEVENS, JR., *City Clerk*.

You are hereby directed to place the manuscript of the City Accounts for 1887, in the office of the DOVER DAILY TIMES, published by Robert W. Welch.

TIMOTHY McDONOUGH,

V. H. CAVERLY,

LEIGH RICHMOND,

Joint Standing Committee on Printing and Stationery.



CITY OF DOVER, N. H.

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CITY GOVERNMENT, 1888.

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ORGANIZATION.

The first Wednesday in January, at 10 o'clock, A. M.

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STATED MEETINGS.

The first Thursday in each month, at 7.30 o'clock, P. M.

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*Mayor.*

GEORGE G. LOWELL.

Residence, 12 Pierce Street.      Office hours, 11 to 12 A. M.

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*President of Common Council.*

ARCHIBALD B. BLAIR.

Residence, 29 Summer Street.

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*City Clerk.*

JOHN B. STEVENS, JR.

Residence, 159 Washington Street.

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*Clerk of Common Council.*

JOSEPH E. PORTER.

Residence, 564 Central Avenue.

## ALDERMEN.

## WARD 1.

Edward L. Currier. Harris M. Shaw.

## WARD 2.

William B. Walker. Timothy Hussey.

## WARD 3.

James V. Hanson. Charles A. Davis.

## WARD 4.

William D. Taylor. Charles M. Corson.

## WARD 5.

Dennis Cash. Timothy McDonough.

## COUNCILMEN.

## WARD 1.

Frank W. Merrill. Walter Delaney.  
Harry M. Wiggin.

## WARD 2.

Daniel A. Nute. John F. Tibbetts.  
Nathaniel C. Wentworth.

## WARD 3.

Leigh Richmond. Valentine Mathes.  
Finley D. McIntire.

## WARD 4.

Archibald B. Blair. Valmore H. Caverly.  
James Wilkinson.

## WARD 5.

John A. Flannigan. John McCooles, Jr.  
James N. Whallen.

# ORGANIZATION.

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## STANDING COMMITTEES.

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### IN BOARD OF ALDERMEN.

- On Elections and Returns—Hanson.
- On Bills on Second Reading—Shaw, Currier, Hussey.
- On Enrollment of Bills—Corson.

### IN COMMON COUNCIL.

- On Elections and Returns—Richmond, Wiggin, Tibbetts.
  - On Bills on Second Reading—Merrill, Mathes, McCooles.
  - On Engrossed Ordinances—Delaney, Flannigan, McIntyre.
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### JOINT STANDING COMMITTEES.

- Finance—The Mayor, Taylor, Blair, Richmond, Mathes.
- Claims—Currier, Wiggin, McIntyre.
- Repairs of Schoolhouses—Shaw, Nute, Wilkinson.
- Cemetery—Corson, Flannigan, Wentworth.
- Lands and Buildings—Walker, Nute, Caverly.
- Fire Department—Cash, Merrill, Wilkinson.
- Streets, Sewers and Drains—Hussey, Mathes, McCooles.
- Bridges—Hanson, Tibbetts, Whalen.
- Printing—McDonough, Richmond, Caverly.
- Lamps and Lamp Posts—Davis, Delaney, Whalen.
- City Farm and House of Correction—McDonough, Merrill, Wentworth.

*Superintendent of Schools.*

CHANNING FOLSOM.

Residence, 133 Locust Street. Office, Bracewell Building.

Office hours, 8 to 8.30 A. M., and 11.45 M. to 12.30 P. M.

*Collector of Taxes.*

GEORGE P. DEMERITT.

Residence, 19 Rutland Street.

Office, County Commissioners' Room, City Hall. Office hours,

Mondays and Saturdays, 10 A. M. to 12 M., and 7 to 9

P. M. ; other evenings, 7 to 8 o'clock.

*City Marshal.*

James Fogerty.

*Assistant-Marshal.*

John Canney.

*Chief-Engineer.*

Horatio G. Hanson.

*City Solicitor.*

Robert G. Pike.

*Treasurer.*

Isaac F. Abbott.

*Overseer of the Poor.*

George W. Gray, 2nd.

*City Messenger.*

George H. Demeritt.

*Superintendent of Burials.*

John F. Shapleigh.

*Inspector of Kerosene.*

Michael Conlen.

*Pound-Keeper.*

John W. Place.

*Sealer of Weights and Measures.*

William J. Tibbetts.

*Health Officers.*

Charles H. Hall.

James McCooey.

Elbridge Smith.

*City Physician.*

Charles A. Fairbanks.

*Assessors.*

Micajah S. Hanscom.

Nathaniel C. Hobbs.

John W. Rines.

James H. Davis.

John S. Glass.

Thomas McKenna.

# INAUGURATION ADDRESS

BY HIS HONOR, MAYOR LOWELL.

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Gentlemen of the City Councils :

We are met in convention to solemnly assume the offices committed to us by the suffrages of our fellow citizens. And gentlemen, right here let me ask you to think of the confidence the citizens of Dover have placed in you in putting you in charge of the municipal affairs of this city. Let us so conduct ourselves in the discharge of our duties that it may be said, confidence was not misplaced. You all know that Dover is a thrifty, growing city. There is much to render it pleasing both to those born within its boundaries and to those who have chosen it for an abiding place. Its historical legends, natural beauties, industrial resources, generous people and law-regarding spirit take fast hold on all comers. Now we are to conduct the public affairs of old Dover for a year, let us be careful to still further build up her prosperity and strength. Before reviewing the work of the year that is past, let us all acknowledge with gratitude the goodness of the Father of us all for his care in shielding our fair city from calamity and the citizens from epidemic of any kind.

## FINANCE.

The available assets of the City of Dover December 31, 1887, are as follows :

Cash in treasury, December 31, 1887.....	\$36,159.37
Uncollected taxes less abatements and salaries..	30,685.79
Portsmouth and Dover Railroad bonds at par....	6,000.00
Portsmouth and Dover Railroad stock at par....	258,000.00
	<hr/>
Total Assets.....	\$330,845.16

Our liabilities are as follows :

Municipal bonds maturing in the year	
1879, not presented.....	\$1,000
1880, " " .....	4,500
1881, " " .....	4,500
1888, " " .....	11,500
1889, " " .....	10,500
1890, " " .....	120,000
Currier fund.....	1,000
Outstanding claims.....	813
	<hr/>
	\$153,813 00
Portsmouth and Dover R. R. bonds ma- turing in 1893.....	\$225,000
Portsmouth and Dover R. R. bonds ma- turing in 1897.....	33,000
	<hr/>
	\$258,000.00
	<hr/>
	\$411,813.00

It may not be unwise to say that the Portsmouth and Dover Railroad stock is worth in the market today at a low estimate, \$120 per share. Consequently, \$20 per share on 2,580 shares amount to the sum of \$51,600, reducing the

liabilities to \$29,377.84. Now, gentlemen, I submit, is not this a fine showing for a city of more than eight millions of taxable valuation?

#### COLLECTION OF TAXES.

In my address to you one year ago, I suggested a change in the mode of the collection of taxes, viz: a discount of five per cent. on all taxes paid on or before the fifteenth day of July. After a careful deliberation you adopted that method, and I feel it has proved a success. I would recommend a continuance of this manner of the collection of taxes.

#### FIRE ESCAPE.

I recommended last year a fire escape to be put on the south side of our city hall building, leading from the balcony to the ground. It was so loaded with amendments and so much money spent in plans, that nothing came of the movement. During the last summer, electric lights have been introduced throughout the building, taking the place of the gas lights, thereby reducing the risk of fire to a minimum. As many of our citizens have suggested, it is now comparatively safe.

#### HIGHWAYS.

Particular attention has been given to our streets the past year. Last spring when we commenced work on the ledge there was not one load of stone quarried; consequently we have quarried as well as crushed all the stone. We have put on the streets the past year, nineteen hundred and fifty-nine two-horse loads of crushed stone, and seven hundred and eighty-eight two-horse loads of gravel from the bank of Henry Sayward and in addition to the above, a large amount from Horne's Hill, owned by the city. I am still of the opinion that a judicious way of treating our streets is by



the use of crushed stone. It has been suggested by some of our influential citizens and large taxpayers, that a system of paving should be adopted, by laying a certain amount every year, commencing at each end of Central avenue bridge, laying the same amount each year one side of the river as the other. The appropriations for highways for several years past have been about the same one year with another. You are all aware that Dover is a growing city. The past year a large number of houses have been built, with a still larger number in prospect of being built this year, consequently new streets are to be opened and built. It is absolutely necessary that the appropriations for highways should be increased. The extension of Hill street is to be built this year. Already the culvert for said street is contracted for. Also the building of a new street through the land of Col. Vittum, the road which you laid out last fall through the land of Mrs. Cushing and others. And it is probable that other new streets may be asked for, as there is a large demand for tenements which can not be supplied at present.

#### FIRE DEPARTMENT.

Our three steam fire engines with their apparatus, are in good condition as reported by Chief Engineer Hanson. The past year one of our steamers, Coheco No. 2, was sent to the Manchester locomotive works and put in complete repair at an expense of \$891.50. One hose wagon is being built for the department and when received will facilitate the laaing of hose when necessary. Also the new stable on First street is completed, and used for the first time Dec. 30. Here two horses will be kept to haul the hook and ladder truck, which will very much facilitate this branch of the department. A new tapper line has been completed, covering the compact part of the city, which will be of great value,

especially in the night time, as it will notify all the engineers, firemen, drivers, etc., of a fire. It has also been connected with the electric light station, which notice of a fire if after twelve o'clock at night, will cause the electric lights to be lighted. The wires of the electric fire alarm have been changed so far as possible from the old poles to the electric light poles, by the invitation and kindness of Mr. Burgett. Chief Engineer Hanson reports the electric fire alarm to be in fine order and working satisfactorily. The fire calls the past year have not been numerous but all have been answered promptly, showing the same old spirit to conquer fires that has always existed in Dover. The Coche-co Manufacturing Company and the Messrs. Sawyers are kindly responding to all fires within their reach.

#### SCHOOLS.

Education is the foundation of everything that is good and ennobling. No surer foundation for the prosperity of a community can be laid than this. Hence every tendency in our schools should be watched with care. From what I can learn I am convinced our school committee are taking a deep interest in the welfare of the pupils, by procuring the best teachers available. Our evening school has been a success. The attendance has been quite large, and I cannot conceive of a more judicious expenditure of a small amount of money than the fostering of this institution. And here gentlemen allow me to say a word in honor of our committee on repairs of school-houses. They have done their duty, faithfully expended the money allotted them judiciously and all the school-houses are in fine condition. As the Belknap school-house furnace is about worn out (it will probably last till spring) I would recommend putting in place of this furnace the Ruttan Smead heater and ventilator. From what

I learn of it, it is the best heater and ventilator now in use. Superintendent of schools, Folsom, with members of the school committee and committee on repairs of school houses, by invitation of the inventors of this devise and at the inventors' expense, visited Fitchburg, Mass., to see the working of this heater and ventilator. and pronounced it superior to anything for the purpose in use. I will refer you to the above committees for further information.

#### PUBLIC LIBRARY.

Though all our municipal departments will call for attention and maintenance there is one which has a peculiar province of interest. I refer to our public library. Every citizen feels more than a common concern in this recently created department. In my humble opinion generous treatment here, will add another enduring charm to old Dover.

#### HEALTH.

Of all departments this perhaps is of the most importance. Great care should be exercised in the selection of health officers. They should be men of good judgment and also men who will attend to the demands of the office. Last year you made a new department called a house to house committee, which was of great assistance to the health department. They took hold of the matter with zeal and brought to the notice of the board many places that were in a fair way to create sickness, which were immediately attended to. I would suggest the appointing of a house to house committee at the proper time, as an assistant to the health department. I feel it my duty to say the health department has been managed during the past year faithfully and we have had good results.

## POLICE.

A large responsibility of necessity is connected with this department. The force has the general care of the city by day and night. And through their efficient labors the past year, order and decorum on our public streets have been manifest. I have heard some disparaging remarks made in relation to the efficiency of our police force immediately after some theft or burglary has been committed and the perpetrators not brought to justice. Now gentlemen, think of the territory that is patrolled by this little handful of men, and then think how easy it is for the burglar to get in his work. Why, look at Boston with her world renowned police force, 800 in number, within ready call of each other and yet burglaries are reported as being committed in that city every day and night in the year. And even in as public a place as the renowned common in early evening gentlemen are said to have been garroted and robbed and the perpetrator not brought to justice. I feel we have a trustworthy body of men on our police force with the right man at the head. And gentlemen, let us encourage rather than disparage and we shall see good results.

## BRIDGES.

I said to you one year ago that our bridges were in bad condition, but I had no idea at that time that they were in such a condition as to be dangerous, but such was the case. Central avenue bridge had to be entirely replanked and many new timbers put in place of decayed ones. Washington street bridge was in such a condition that it had to be entirely new planked and several new timbers supplied in place of decayed ones. The Creek bridge was so far gone that the wheels of a loaded wagon cut through the planking.

And Mr. Hanson, the chairman of the committee on bridges, was obliged to leave the repairing of Central avenue bridge and plank the Creek bridge. It has cost the past year over two thousand dollars to put the above three bridges in good condition. This year the building of a new jail on the land dedicated by the City of Dover to the County of Strafford, and which is a part of the city farm, necessitates the building of a new bridge across the river from the foot of Washington street, which will probably cost about twelve hundred dollars. I think it would be advisable to paint the iron work of our bridges this season.

#### SIDEWALKS.

The appropriations for sidewalks are in about the same condition as highways and sewers. The building of new streets necessitates the building of new sidewalks. Many of our sidewalks are in a bad condition. You are all aware that our citizens are quite sensitive in regard to this matter. They want a nice sidewalk as well as nice streets. I will here suggest that the city furnish and put in curbstones and brick the sidewalks in front of school houses, commencing this year with two houses, one on each side of the river.

#### SEWERS.

Here, gentlemen, is one of the most important matters that you have to deal with. Last year you appropriated fifteen hundred dollars, later you appropriated fifteen hundred dollars more, and still later seven hundred dollars more. Our chimneys to sewers were very deficient, or perhaps I should say there were no chimneys at all, but in many cases sewer pipe on an incline, brought to the surface of the ground to receive surface water. In my opinion, this is very poor economy, for it does not do the work intended for it. We

have largely remedied this trouble the past year by putting in many chimneys. Again, the sewer gas was escaping to such an extent that it caused much complaint from those living near and was absolutely endangering the health of the people. As far as possible we have remedied this trouble by putting in a very large number of traps. We have put in more ring grates and traps than there have been put in previous to the last year, in any two or three years. I would recommend a liberal appropriation for this department.

#### STREET LIGHTING.

I am glad of the opportunity to congratulate all the members of these boards to whom we are indebted for our beautiful street lights. In the first place you were fortunate in making a contract for one year with so perfect a gentleman as Mr. Burgett, who has performed all he agreed to and perhaps more. Secondly you were fortunate in securing so fine a system for electric street lighting as we have, certainly as good and perhaps the best in the country. It is true we have enjoyed this comfort and luxury but a short time, but from the light experience we have had, I think our citizens would be very reluctant to go back to the old system of lighting by gas. The cost is enhanced considerably, it is true, but our citizens are willing to pay for a good thing. We now have in operation sixty-seven arc lights, with twenty more ordered, making in all eighty-seven. Please remember every street light you order costs eighty dollars per year.

#### CEMETERY.

Our cemetery, in general appearances, is improving year by year. The committee on cemetery and Superintendent Shapliegh have taken a deep interest in the work of beautifying and improving the grounds. I feel that the citizens

of Dover generally have this same interest in this hallowed place which is to be the last resting place of the most of us. Last year you made an appropriation of five hundred dollars for a granite wall on that part of the cemetery facing Central avenue. It is admired by all who have examined it. To finish this job it will cost about twenty-five hundred dollars, which sum I would advise being appropriated this year. I would also suggest the building of a carriage way from Central avenue, beginning on the easterly side of the lot in front of the ward house and running diagonally to the drive way already constructed. It should be about twenty feet wide. On either side should be a granite post two feet square, with a circular arch resting on either post and lettered "Pine Hill Cemetery." I would also suggest putting small stone monuments at the ends of all the avenues, with an iron rod with sign attached, painted and lettered with the name of the avenue. And now, gentlemen, allow me to call your particular attention to the absolute necessity of building somewhere on the grounds, a house of temporary reception for our departed loved ones. You are all aware that the City of Dover does not own a place of this kind, and I feel it my duty to ask you to cause a building for the above purpose to be constructed. I would recommend that it be built entirely top of ground, of pressed brick with stone trimmings of tasty design, that will be an ornament to the grounds. It will cost about twelve hundred dollars. This whole outlay for Pine Hill cemetery will be about four thousand dollars outside of the regular appropriation. I believe it all to be necessary. Think it over, talk with your constituents, and see if you will be warranted in making the outlay.

#### IN CONCLUSION

In conclusion, gentlemen, it becomes me to acknowledge



- the gentlemanly courtesies and kindness you have extended to me during the past year. You certainly have made it a pleasant season so far as you were able. I now ask your further assistance in all matters that will be in your judgment beneficial to the interests of our city. And in return I pledge you my hearty co-operation in all your public acts which are just and right.



## TREASURER'S REPORT.

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To the City Councils of the City of Dover :

Gentlemen :—I herewith submit a statement of the moneys received and paid out for account of the City of Dover for the year 1887 ; also, a memorandum of the property of the city in the hands of the treasurer at this date.

ISAAC F. ABBOTT,  
City Treasurer.

1887.	CITY TREASURER'S REPORT.	Dr.
Jan. 1.	To cash balance from 1886 account.....	\$45,054 28
Dec. 31.	Taxes, 1885, received from collector.....	650 00
	Taxes, 1886, received from collector.....	10,844 79
	Taxes, 1887, received from collector.....	97,501 35
	Cemetery lots sold.....	737 00
	Circus license fees.....	39 00
	Coupon interest, \$6000 City of Dover bonds	360 00
	Currier fund income, \$1000 City of Dover bond.....	60 00
	Hogs sold from City Farm.....	65 62
	House numbers.....	98 04
	Police court costs and fines.....	1,752 03
	Police court clerk fees.....	251 99
	Rent of City Hall.....	2,667 13
	Rent of hearse-house lot.....	8 00
	Rent of Ward house, (Ward one,) .....	51 96
	Sewers, entrance fees.....	850 00
	Insurance tax received from state treasurer	159 75
	Literary fund tax received from state treas'r,	1,172 16
	Savings bank tax received from state treas'r,	19,915 11
	Railroad tax received from state treasurer.	4,582 58
	Cemetery funds received of George Shep- leigh, executor, for benefit of lots Nos.	
	276 and 278, income, only to be used.....	100 00
	Cemetery funds, received of Thos. J. Ham, for benefit of lot No. 75, in G. A. R. lot, in name of Sarah M. Ham, recorded in Strafford county records, book 253, page 510; income only to be used,	
		50 00
		<hr/> \$186,970 79
	<i>Coupon account Portsmouth &amp; Dover R.R. Bonds</i>	
Jan. 1.	To cash, balance from 1886 account.....	\$294 00
	Dividend 3 per cent. on 2,580 shares Portsmouth & Dover Railroad stock....	7,740 00
July 1.	Dividend 3 per cent. on 2,580 shares Portsmouth and Dover Railroad stock..	7,740 00
		<hr/> \$15,774 00

1887. CITY TREASURER'S REPORT.		Cr.
Dec. 31. By	Bridges.....	\$2,032 65
	Highways.....	19,858 43
	Sewers.....	3,596 33
	Sidewalks.....	1,128 95
	Schools, including literary fund.....	22,584 66
	Evening schools.....	450 00
	Cleaning school houses.....	169 11
	Repair of school houses.....	2,672 68
	Cemetery.....	1,458 30
	City bonds.....	10,600 00
	Coupon interest, City of Dover bonds....	8,838 00
	County tax.....	12,888 26
	Court room.....	10 88
	Currier fund income.....	60 00
	Dog fund.....	142 50
	Fire department.....	10,920 25
	Health department.....	351 00
	Lamps and lamp posts.....	3,858 32
	Miscellaneous.....	2 357 15
	Paupers.....	1,314 15
	Police.....	7,247 95
	Printing and stationery.....	812 74
	Public buildings.....	1,304 58
	Public library.....	3,300 00
	Salaries.....	3,655 50
	Special.....	8,539 79
	State tax.....	18,700 00
	Support of prisoners.....	80 49
	Water works.....	1,803 75
	Cemetery funds deposited in savings bank for benefit of lots, Nos. 276 and 278, income only to be used.....	100 00
	Cemetery funds deposited in savings bank for benefit of lot No. 75, in G. A. R. lot; income only to be used.....	50 00
		\$150,886 42
	Balance to new account.....	36,084 37
		\$186,970 79
<i>Coupon account Portsmouth &amp; Dover R.R. Bonds</i>		
Dec. 31. By	Coupons paid during the year.....	\$15,699 00
	Balance to new account.....	75 00
		\$15,774 00

# FINANCE.

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## JOINT STANDING COMMITTEE'S REPORT.

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To the City Councils of the City of Dover :

The books of the city treasurer have been examined and compared with those of the city clerk by the joint committee on finance, and all the accounts are found to be correctly kept with proper vouchers on file for all payments. All the bills paid have been allowed by the joint standing committee on accounts and claims. We have examined the bonds and cash on hand, and also the sources from which the income of the city has been derived, and are satisfied that the report of the city treasurer is correct. We have also examined all appropriations, vouchers and receipts in the city clerk's office and compared the same with the treasurer's books, and we find the clerk's accounts agree with the treasurer's, all bills approved, certified and checks properly issued. We submit the treasurer's report.

GEORGE G. LOWELL,  
WM. D. TAYLOR,  
CHAS. A. DAVIS,  
LEIGH RICHMOND,  
Joint Standing Committee on Finance.

## CITY PHYSICIAN'S REPORT.

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To the City Councils of the City of Dover :

Number of visits made,.....	117
Calls at police station,.....	30
Office calls,.....	15
Number of school children vaccinated,....	142

In June the city councils passed an order appropriating one hundred dollars for a house to house inspection for sanitary purposes.

In accordance with this order Messrs. Chas. H. Hall and James McCooley and the undersigned, under the direction of the mayor, began work.

Fully a month was occupied in this labor. Selecting such parts of the city as were thought to demand most attention, the cellars, outbuildings and premises were carefully inspected. Garbage was ordered removed from cellars and adjacent to residences ; cesspools were directed to be cleaned, vaults repaired and pigstyes in the more compact parts of the city ordered removed or directed to be kept clean.

In several instances stagnant water was found to the depth of several inches in the cellars of occupied dwelling-houses and stores. In such cases connections were directed to be made with the public sewer, which in each case met with a ready compliance. This inspection was continued

longer than was warranted by the money appropriated for the purpose.

This point was established as a result of this inspection, that there were many residences upon our best streets with vaults which are not located, constructed or kept in the condition provided for by Section 8, Chapter VII, of the city ordinances. This section provides that "vaults shall be at least two feet distant from the line of every adjoining lot; shall not be within forty feet of any street or of the dwelling, shop or well of any other person, unless the same is vaulted, six feet deep, and sufficiently secured and enclosed, and shall be made tight so that the contents thereof cannot escape therefrom." So far as possible without producing a revolution, and with the money at our disposal an attempt was made to rectify this condition of affairs. If an appropriation could be made each year for this purpose, the people would soon render a ready co-operation and much good would be accomplished.

At the earnest request of suffering city officials we made repeated inspections of the police station. Its location is unsuitable, ventilation faulty and drainage defective. Aside from any question whether the police station is good enough (as some would say) for criminals and vagrants, there can be no doubt, but what the effluvia and disease-breeding matter permeates, particularly in warm weather, every room in our city hall building.

"Bad ventilation is probably the rule rather than the exception in most of those buildings in our cities, devoted to the detention of criminals and the administration of criminal justice; add to this overcrowding and bad drainage and all the necessary conditions are given for providing a rapid rotation in judicial offices with an early transference to another world of the administration of justice."

The above quotation applies fairly well to the basement of our city hall. It is to be regreted that the only building we have devoted to public purposes, occupied daily by municipal and county officers, should be contaminated by the foul odors arising from our police station as at present located. The rooms are too low and too small: the cells are not well lighted or ventilated and the building must be contaminated from the foul air from this source. The spirit of reform needs to be aroused in this direction.

Respectfully submitted,

CHARLES A. FAIRBANKS, M. D.,

City Physician.

## CHIEF ENGINEER'S REPORT.

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To the City Councils of the City of Dover :

Gentlemen :—In accordance with the requirements of the ordinance governing the fire department, it becomes my duty as chief engineer, to present to you my first annual report of the fire department of the City of Dover from March 29, 1887, to December 31, 1887, embracing a detailed statement of its labors, together with a roll of its members, list of fires and alarms that have occurred, with amount of loss and insurance as near as could be ascertained, location of fire-alarm boxes, reservoirs, and hydrants.

ROLL OF FIRE DEPARTMENT JANUARY 1, 1888.

*Chief Engineer,*  
Horatio G. Hanson.

*First Assistant Engineer,*  
Charles F. Spurlin.

*Second Assistant Engineer,*  
Jacob H. Twombly.

*Clerk,*  
Charles F. Spurlin.

*Steward,*  
James Thompson.



*Engineers.*

Cocheco No. 2—Eugene Smart.

Fountain No. 3—William H. Hilliard.

Joseph S. Abbott No. 4—Thatcher T. White.

*Assistant Engineers.*

Fountain No. 3—C. W. Tuttle.

Joseph S. Abbott No. 4—John S. Stackpole.

*Firemen.*

Cocheco No. 2—Smith W. Gray.

Fountain No. 3—Alonzo Whitehouse.

Joseph S. Abbott No. 4—John D. Babb.

*Drivers.*

Fountain No. 3—James Thompson.

Joseph S. Abbott No. 4—William Rand.

R. N. Ross hose Carriage No. 2—Oliver W. Coleman.

Lincoln Hook and Ladder Truck No. 1—Wesley B. Sterling.

*Fountain Steam Fire Engine Company No. 3.*

Foreman—A. A. Pike.

First Assistant—William Pineo.

Second Assistant—King Fernald.

Clerk—Rupert Bishop.

Engineer—William Hilliard.

Assistant Engineer—Charles Tuttle.

Fireman—Alonzo Whitehouse.

Pipemen—G. E. Smart, George H. Whitehouse, John Blanchard, Edward Burnham.

Hosemen—Charles Burnham, George McKenna, Frank Simes, William Frye, Henry Sterling, James Stevens, Jacob Longfellow.

*Joseph S. Abbott Steam Fire Engine Company No. 4.*

Foreman—Henry E. Young.

First Assistant—Frank Scribner.

Second Assistant—Willis S. Stetson.

Clerk—Newell H. Young.

Engineer—Thatcher T. White.

Assistant Engineer—John S. Stackpole.

Fireman—John D. Babb.

Pipemen—Edward H. Brown, James Hathaway, Nelson U. Drew, George Ham.

Hosemen—George A. Swain, H. A. Cannev, Edwin L. Fernald, Oscar L. Fernald, Lucius W. Tucker, John M. Wheland, Walter S. Burnham.

*Lincoln Hook and Ladder Company No. 1.*

Foreman—D. A. Hammond.

Assistant—George E. Varney.

Clerk—James Quinn.

Steward—Fred D. Brown.

Members—George M. Baker, Charles E. Clark, Thomas F. Drew, E. S. Grogan, John Gorman, Charles H. Hussey, Hugh Hanna, Charles F. Hammond, George F. Hussey, William King, Peter Laughlin, Charles Leighton, Henry D. Mason, William J. Young, George D. Stratton, James M. Varney, George K. Willand, Albert F. Willand, William W. Willand, George York.

*Cocheco Steam Fire Engine Company No. 2.*

Foreman—Moses W. Chadbourne.

First Assistant—Thomas F. Gage.

Clerk—Samuel B. Abbott.

Engineer—Eugene Smart.

Fireman—Smith Gray.

Members—C. H. Merrill, Austin Bradeen, Frank Snell.

*Cocheco Hose Company No. 1.*

Engineer—Elijah E. Roberts.

First Assistant—Asa G. Ham.

Second Assistant—John S. Dame.

Clerk and Treasurer—William E. Whiteley.

Members—Charles H. Brown, Joseph McEwan, Frank P. Coleman, J. Frank Sloper, James W. Foss, Joshua S. Holland, George W. Stacy, George L. Willand, Charles Holland, Emery W. Foss, Warren G. Osborne, William L. Boston, Stephen H. Bickford, Frank Felker, Michael Mooney, Elbridge Smith, John S. Clark, William R. Clark, George W. Clark, Frank Clark, William Quinlan, Morris Kidney, Frank Hanity, Edward Carl, Edward Lord, John Cook, James Scanlan, Lorenzo E. Goodrich, Frank A. Stone, George E. White, Orrin R. Clark, Charles H. Clark, Bernard J. Kelly, Patrick Sullivan, Michael I. Hayes, John McQuade, Patrick Brennan, V. Frank Hoyt.

*Cataract No. 4, Sawyer Mills.*

## Volunteer Company.

## FIRE APPARATUS.

Cocheco Steam Fire Engine No. 2, built by the Amoskeag Manufacturing Company in 1866.

Fountain Steam Fire Engine No. 3, built by the Amoskeag Manufacturing Company in 1875.

J. S. Abbott Steam Fire Engine No. 4, built by the Amoskeag Manufacturing Company in 1884.

Cataract No. 4, built by Hunneman in 1847.

Hook and Ladder Truck, built by B. F. Preble in 1865.

R. N. Ross horse hose carriage, built by the Amoskeag Manufacturing Company in 1865.

Supply wagon, built by H. A. Worthen in 1882.

## HOSE.

The fire department has 12,500 feet of hose, located as follows: 6000 feet at engine house; 2500 feet at Sawyer Mills; 4000 feet at Cocheco hose houses.

## RESERVOIRS.

*North Side.*

One on Chapel street.  
 One on Portland street.  
 Two on Broadway.  
 One corner Sixth and Franklin streets.  
 One on Franklin street.  
 One on Reservoir street.  
 One corner Hough and Maple streets.  
 One on Chestnut street.  
 One corner Grove and Fourth streets.  
 One at High school-house.  
 One Central avenue bridge.  
 One Fourth street bridge.  
 Two at Garrison Hill.  
 One on Sixth street.

*South Side.*

One corner Walnut and Washington streets.  
 One corner Belknap and Washington streets.  
 One on Washington street.  
 One on Hale street.  
 One on Silver street.  
 One on Locust street.  
 One on Mt. Pleasant street.  
 Two on Tuttle square.  
 One on Court street.  
 One on Pleasant street.

## HYDRANTS FOR STEAMERS.

One on Atkinson street.

Two on Hale street.

Six on Locust street.

Two on Payne street.

Two on Washington street.

One on Folsom street.

Two at Pine Hill.

One at corner of Central avenue and Locust street.

## HYDRANTS FOR HOSE COMPANY.

One on Central avenue near the Boston & Maine railroad, four lines.

One corner Central avenue and Locust street, two lines.

## FORCE.

The department consists of a chief and two assistant engineers, three steam fire engine companies, two of eighteen men and one of eight men, one of the engines held in reserve, one hook and ladder company of 25 men, one four-wheeled one-horse hose carriage in charge of Coheco Steam Fire Engine Company No. 2, and a steward of the engine house, who has charge of the house and all apparatus connected with the same. Two horses are kept in the house ready for immediate use all times to convey Steamer No. 3 to the fire. The other engines and hook and ladder truck are conveyed to the fires by the horses connected with the street department. The apparatus is kept in the best possible condition and comprises three steam fire engines with hose carriages attached, one hose carriage, one hook and ladder truck, one supply wagon, three sets of swing harnesses, two for steamers and one for hook and ladder truck, an electric fire alarm and steam gong. In addition to the force the Coheco Hose Company responds to all alarms except a few signal

boxes where they cannot be of any service. The hose company is organized under the control of the Cocheco Manufacturing Co. (except in case of fire) and are a valuable addition to the department in the compact part of the city.

#### FIRE ALARM.

This important branch of the service was put in in 1886, and made a part of the department January, 1887. The work is continuous and exacting and the greatest care has to be exercised to protect the wires from telephone, electric light and other wires. During the last year the wires have been broken several times, caused by trimming trees and putting up electric light poles and wires, and once by changing telegraph wires. The lines have been kept in good working order during the year. The past year there have been two new signal boxes put in, one on Central avenue near Stark avenue and one on Broadway near Hill street. Last year the tapper or call bell line was made out of the old telephone line. It did not work satisfactorily and it has been replaced by a new line, just completed. A call bell was put in the electric light station. If a fire occurs in the night after the lights are off, they are immediately put on, which makes it very convenient for the firemen.

During the year a new line of pipe has been laid on Locust street from Central avenue to Summer street, with two hydrants and a gate to turn water in the reservoir on Summer street. The pipe is connected with the reservoir and pumps of the Sawyer woolen mills and makes a good supply of water in that locality. The pipe was laid so as to connect with the new water-works of the city. The houses of the department are in fair condition. I would recommend that some alteration and repairs be made on the engine house by putting in new glass panel doors, sheathing the

# SCHEDULE OF FIRES AND ALARMS DURING THE YEAR ENDING DECEMBER 31, 1887.

Date.	Time.	Signal.	Location.	Material.	Owned by	Occupied by	Occupied as	Dam- age.	Ins.	Ins. paid.	Cause of Fire.
Jan. 27.	11.48 p. m.	14	Main street	Wood	Mrs. Mulligan	James Conly.	Dwelling	Slight.	\$2500		Unknown.
Feb. 25.	12.30 p. m.	23	Second street	Wood	B. & M. R. R. Co.	B. & M. R. R. Co.	Carpenter shop.	Slight.			Chimney.
Mar. 4.	3.05 p. m.	31	Central avenue	Wood	Parties	Tenants.	Stores & Dwellings	Slight.		\$14 62	Defective chimney.
Mar. 5.	5.34 a. m.	17	New York St.	Wood	B. & M. R. Co.	John Ord.	Junk store.	Slight.			Overheated stove.
Apr. 6.	12.31 p. m.	17	New York St.	Wood	M. W. Gage	Herbert A. Coburn.	Dwelling.	None.			Matches.
Apr. 15.	3.31 p. m.	43	Washington St.	Brick	Coheco M'fg Co.	Coheco M'fg Co.	Printery.	Heavy.		120,000 00	
May 10.	11.28 p. m.	13	Central avenue.	Brick	Pierce & Cushman.	Pierce & Cushman.	Hotel.	None.		50 00	Lamp upset.
May 31.	3.48 p. m.	Gong	Central avenue.	Brick	Isaac Varney.	Wm. R. Tapley.	Dry Goods.	Slight.		250 00	Unknown.
May 26.	1.52 p. m.	31	Old Factory rd.	Wood	Coheco M'fg Co.	G. W. Hobbs, ( J. W. Flagg. )	Kulfe Shop.	Heavy.			Unknown.
June 28.	12.08 p. m.	13	Franklin Sq.	Wood	Jas. W. Henderson.	Tenants.	Stores & Dwellings	Light.			Overheated stove.
June 30.	10.39 a. m.	31	St. Thomas St.	Wood	Henry A. Worthen.	Tenants.	Dwellings.	Light.		150 00	Defective chimney.
July 1.	3.00 p. m.	13	Main street	Rub- bish				None.			Snap-crackers.
July 14.	11.51 a. m.	26	Park street	Wood	Henry Jonston.	Geo. L. Wentworth.	Stable.	Light.		175 00	Matches.
July 15.	7.55 p. m.	Gong	Broadway	Brick	Somersworth M. Co.	Somersworth M. Co.	Pattern shop.	None.			Gas light.
July 16.	9.22 p. m.	31	Washington St.	Brick	Coheco M'fg Co.	Miss Mary Byrne.	Millinery store.	Slight.		13 00	Gas light.
Aug. 27.	1.32 p. m.										
Aug. 27.	3.00 p. m.	7	Coheco street	Wood	George Wesly.	John Coty.	Dwelling.	Slight.			Matches.
Sept. 4.	10.20 a. m.	23	Fifth street	Wood	Mrs. Farrell.	John O'Niell, ( Patrick Duffy, )	Wood shed.	Light.		27 00	Unknown.
Sept. 19.	11.58 a. m.	42	Atkinson street	Wood	Joseph Clough.	Fred. Emerson, ( E. F. Fernald, )	Dwelling.	Small.		12 50	Defective chimney.
Sept. 20.	9.38 a. m.	13	Third street	Wood	Morrill estate.	Tenants.	Dwelling & Stores.	Small.		1,616 00	Unknown.
Oct. 17.	3.52 p. m.	23	Fourth street	Wood	Dea. Jas. Pray, ( Albert Simonds )	Tenants.	Dwelling.	Slight.		123 00	Matches.
Oct. 23.	6.50 p. m.	3 strokes	Exeter	Brick							Friction.
Nov. 11.	5.16 p. m.	13	Broadway	Wood	Tash estate.	George McCann.	Wood shed.	None.			Matches.
Dec. 23.	10.31 a. m.	31	Fayette street	Wood	John Gorman.	Tenants.	Dwelling.	Slight.		110 00	Matches.
Dec. 24.	12.09 a. m.	31	Washington St.	Wood	Samuel Hussey.	Samuel Hussey.	Steam Saw Mill.	Light.	1000		Unknown.
Dec. 30.	10.42 p. m.	17	Pierce street	Wood	J. D. Stratton	J. D. Stratton.	Dwelling.	None.			Chimney.





ceiling and other needed changes for the convenience of the department.

For several years the horses used to draw the hook and ladder carriage have been kept at the engine house. The driver had to run the horses wild to the hook and ladder house at great danger to the people on the street. The city councils voted to build the stable at the hook and ladder house. The committee have completed the stable and we find it a great convenience for safety and getting the truck to the fire.

The hose wagon being built for the department to take the place of the hose carriages attached to the engines, is nearly completed. I would recommend that a horse be kept at the engine house and a swinging harness for the same, and a man employed for driver and such other duties as may be required of him.

The number of fires which occurred during the year was twenty-six. The department responded promptly to every call. The losses from fire have been larger than usual the past year, caused by the burning of the print room building at the Printery. With this exception the losses will compare well with other years. We were called on for assistance from Exeter at the burning of their mill, and steamer Cocheco went over with a number of men and did good service at the fire. I have examined several places where shavings and other combustible material have been collected, and caused the owners to have the same removed.

In closing this report I desire to express my thanks to his Honor the Mayor, the board of aldermen and members of the common council for the interest manifested and support given to the department, to the committee on fire department for their hearty co-operation in all matters tending to improvement of the department, to the marshal and other

members of the police force for their valuable assistance at fires, to my assistant engineers and the officers and members of the companies for the prompt manner they have responded to all alarms, and their support and good-will on all occasions, and their efforts to sustain the reputation of the department.

HORATIO G. HANSON,  
Chief Engineer Dover Fire Department

## STREET COMMISSIONER'S REPORT.

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To the City Councils of the City of Dover :

Gentlemen :—I herewith submit my second annual report as superintendent of streets. The winter of 1886-7 was remarkable for the large amount of snow which fell. Of course breaking out roads and sidewalks is an expensive operation and eats into an appropriation very rapidly ; and as these snow storms were for the most part followed by rain and then by freezing weather, the sanding of the sidewalks took considerable time and money. The rains of the past year have been very annoying, and coming so frequently through the summer, rendered it well nigh impossible to keep the streets in good repair. It is believed that our highways are now in good condition for the winter. The completion of Ham street extension has been one of the improvements of the past year. In its construction one thousand four hundred and eighty-eight horse loads of gravel have been used, each load making about three cubic yards of material.

One thousand nine hundred and fifty-nine loads of crushed stone have been put upon our streets this season, each load weighing about three tons. Seven hundred and eighty-eight loads of gravel have been purchased of Henry Sayward and put upon our streets, in addition to the supply from the city bank. We have laid three thousand feet of cement sewer pipe, built forty-three chimneys or cesspools, and put in forty-two new sewer grates.

The city carts, sleds and farming tools are in excellent condition. The city now has ten good horses, and one pair is kept standing in the engine house stable all the time, to be used in case of fire. We have one more horse and cart than last year, and the addition has been a great advantage. The stone crusher and engine are both in first-class order, and there need be no delay in starting up again in the spring. The ledge has been put into proper shape for quarrying, the change in its condition since two years ago being very great. The advisability of paving Central avenue through the business portion of the city has of late been suggested by some of our citizens. I am strongly of the opinion that it would be a benefit to the city to do this job by paving a part each year until the work is completed. By so doing you will have not merely a better street for a time, but something permanent, not requiring constant repairs. By dividing the work through a series of years the expense will not be felt.

The labor and responsibility pertaining to the management of this department have not been overrated. The natural duties are exacting, and the small accommodations expected by citizens add not a little to the perplexities and troubles. With boundless inclination and persistent application, it is impossible for a street commissioner to suit everybody. I was not ignorant of the difficulties when I came into office, and though I have tried manfully to keep abreast of all imperative demands, doubtless many matters might have been better managed but there appears to be no reason for me to feel ashamed or to make excuses, and I am not a good man at talking or mourning over misapprehended opportunities. My second term ends in the spring and I will repeat a statement frequently made during the year just closing. I do not want the office again. The growing pros-

perity of Dover promises me a better chance in the industrial ranks. The superintendent has certainly been fortunate during his two years of service, in having had the friendly counsel and hearty support, first of Mayor Ross, and then of Mayor Lowell. His relations with the committee on streets have been pleasant, while the city clerk has always been a friend in need.

Very respectfully,

FREEMAN BABB,

Superintendent of Streets.

# LANDS AND BUILDINGS.

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## JOINT STANDING COMMITTEE'S REPORT.

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To the City Councils of the City of Dover :

The lands and buildings given in charge of your committee are neither numerous or extensive, and the duties required would be easy of accomplishment if only we could be done with patching. We have expended \$1,304.58 on the city hall and ward houses, principally in ordinary repairs and the purchase of articles required for the opera house.

The matter of fire escape for the hall occupied the attention of the committee for considerable time, and several plans have been submitted. It is unnecessary to recite the several objections and criticisms offered and sustained in regard to each plan. The only tangible result has been the contracting of an architect bill of \$337. Perhaps the necessity for a new fire escape is no longer urgent.

You called our attention by resolution to the condition of the hall cellar. We found the police station sadly in need of sanitary improvements and the adjoining basement fouled by unwholesome gasses. More, the taint was plainly perceptible in the offices and rooms above. All this we reported.

We have exceeded the meagre appropriation for lands and

buildings and could have expended more to advantage. It would be an exceedingly narrow view on the part of a growing and generally attractive city, to consider that anything will do in its public buildings. To speak out the truth boldly would be to say that the police station ought to be established elsewhere, or that the space now devoted to it should be better utilized. Decency, reputation and safety from the dangers of epidemics and contagious diseases can be maintained in no other way.

The roof of the hall needs repairs and the railing about the center is in a dangerous condition.

Respectfully submitted,

WM. B. WALKER.

VALENTINE MATHES,

CHAS. M. CORSON,

Joint Standing Committee on Lands and Buildings.

## CEMETERY.

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To the City Councils of the City of Dover :

Our last annual report concerning Pine Hill Cemetery contained more of criticism than of commendation. With the year's experience we began to feel indignant at the prolonged delay, moderation, unambitious content, accorded this place where we leave the relics of our dead. We felt ashamed because of the indifference, hardihood and reckless repudiation of the better instincts of human nature by our local rulers, and expressed our feelings without restraint. It affords us pleasure to state that a different spirit has prevailed during the year just closed.

Good advance has been made in replacing the unsightly and crumbling front wall by a solid and enduring piece of ornamental stone work, and we are assured that it can and will be completed in the ensuing year. We have ordered the usual amount of labor and secured very satisfactory results.

There are some remaining wants. The avenues should be appropriately designated, a proper receiving tomb ought to be built and additional land should be secured without delay.

Respectfully submitted,

JOHN LANCASTER,

For the Joint Standing Committee on Cemetery.



# REPAIRS OF SCHOOL-HOUSES.

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## JOINT STANDING COMMITTEE'S REPORT.

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To the City Councils of the City of Dover :

Your committee would respectfully submit a report of their labors.

At the commencement of the year we invited the mayor to accompany us in looking over the property in our charge. He thought about as we did, that there was very much that needed immediate attention and a large expenditure of money. We were intrusted with \$2,500 and feel that we have done many excellent jobs, a few of which we mention with some of the most urgent wants.

At the high school we put in two new teacher's desks and chairs, whitened the ceiling and tinted the walls of the large room and covered steam pipes in the basement. By special vote of the councils, money was appropriated to introduce gas and make some improvements in the laboratory. Here electric bells and repairs on windows, or outside windows are very much needed.

At the Sawyer school we carried water to the sinks in all the dressing rooms, built new steps, put in 126 new sittings of an approved pattern, in place of old double desks : put folding blinds in three rooms, in place of sliding ones :

whitened all the ceilings and tinted all the walls in this building; connected all rooms and basements with the principal's room by electric bells and the school yard by a large gong. The ventilation in this building is very bad. The basement is constantly sending up odors that are very injurious. The rooms are poorly warmed. And more folding blinds are much needed to take the place of those that slide and cover one half the window at all times.

At the Hale school the fence and privy have been temporarily repaired and new folding blinds put in two rooms. This improvement should be continued until all are changed. A new fence and walk should be made and blackboards made over.

At the Belknap school we built a new fence on back of lot, repaired the privy, put in new concrete walks and painted fence. The furnaces are unfit to run and should be attended to immediately. We have carefully examined, and have spent considerable time looking into this matter of heating and ventilating this building. After seeing the Rutan Smead Warming and Ventilating Company's apparatus in operation, we find they do all they claim to do. It can be introduced into this building with the desired results. We would recommend an appropriation sufficient to adopt this system.

Owing to the removal from the Sherman to the Pierce school we were obliged to make new blackboards and tint the walls at considerable expense. We also put in a new concrete walk, repaired the fence and privy and did some painting. This building is also supplied with sliding blinds which should be replaced by folding ones. Grading and a change in the privies are much needed. Blackboards also want attention.

At the Varney school we built a new fence, new plat-

forms and walks, repaired privies, put new doors in partition leading from dressing rooms to entries, a few new sittings, new blackboards in one room, new wardrobe for teacher, painted fence, etc. This building also has sliding blinds with all the disadvantages, and the plastering is very loose and constantly falling down and should be plastered new throughout. A new privy is also much needed.

The old furniture taken out of the Sawyer building was repaired and put in the Sherman building for the evening school. The blinds were repaired and other small repairs done. If this is to be used for evening school purposes, gas should be introduced.

\*At the Welch school the blinds were repaired and repolished. We would recommend the building of a sidewalk from Central avenue to the school yard, and walks to school-house.

At Back River the lot was graded and small repairs done. New outside doors are needed here.

At Garrison Hill we put in new stove and built new chimney. There are also repairs much needed on this house.

At Blackwater we graded the lot, changed the steps and built a new fence. The walls of this school-room are very much discolored and need attention.

At Upper Factory we put in a new foundation, graded the lot, painted and did other general repairs at an expense of \$250. New blinds would put this building in excellent repair.

At Tolend we laid new floor in the school-room, graded the lot and reset the underpinning. A new shed and double privy are here greatly needed.

At Upper Neck we put in new doorsteps and did other

small repairs. We were obliged to dig a well at an expense of about \$225.

At Littleworth the lot should be graded, underpinning repaired and small repairs are much needed.

At Long Hill a new floor is much needed.

The matter of walks should receive some attention, and we believe that brick sidewalks in front of our school buildings would be a credit to our city. To-day not one building has a brick sidewalk.

Respectfully submitted,

HARRIS M. SHAW,

DANIEL A. NUTE,

CHARLES M. CORSON,

Joint Standing Committee on Repairs of School-houses.

## CITY MESSENGER'S REPORT.

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To the City Councils of the City of Dover.

I hereby submit my report as City Messenger for the municipal year 1887 :

### RECEIPTS.

Hall.....	\$1,545.02
Light.....	564.11
Scenery.....	558.00
	<hr/>
	\$2,667.13

Respectfully,

G. H. DEMERITT,

City Messenger.

## ASSESSORS' REPORT.

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To the City Councils of the City of Dover :

Gentlemen :—The following is a statement of the amount of tax assessed by the assessors of Dover upon the taxable polls and estates within the city of Dover for the year 1882, 1883, 1884, 1885, 1886 and 1887, the abatements for each year, the amount paid to the city treasurer by the collector of taxes, and the balance due the city on account of uncollected taxes, also an estimate of interest collected, or due the city on taxes not paid on or before December 1 of each year.

The discount on \$81,486.21 paid the collector	
on or before July 15, 1887, on this year's	
tax was.....	\$ 4,074.31
Abatements made by assessors since 1881....	9,841.91
Collector has paid treasurer since 1881.....	672,235.92
Salary of collector six years.....	6,200.00
Balance due the city December 28, 1887.....	32,752.76
	<hr style="width: 100%; border: 0.5px solid black;"/>
	\$725,104.90

Whole amount tax assessed since	
1881.....	\$722,104.90
Estimated interest due city since	
1881.....	3,000.00
	<hr style="width: 100%; border: 0.5px solid black;"/>
	\$725,104.90

## STATEMENT BY YEARS.

## 1882.

State, county, city school and dog tax, 1882,	\$115,495.14
Abatements made on 1882 tax to	
December 31, 1887.....	\$1,701.47
Paid treasurer on 1882 tax to	
December 31, 1887.....	111,970.00
Balance due city on 1882 tax to	
December 31, 1887.....	1,823.67
	————— \$115,495.14

## 1883.

State, county, city, school and dog tax, 1883,	\$124,771.07
Abatements made on 1883 tax to	
December 31, 1887.....	\$1,836.67
Paid treasurer on 1883 tax to	
December 28, 1887.....	118,851.35
Balance due city on 1883 tax to	
December 31, 1887.....	4,083.05
	————— \$124,771.07

## 1884.

State, county, city, school and dog tax, 1884,	\$126,470.04
Abatements made on 1884 tax to	
December 31, 1887.....	\$1,831.84
Paid treasurer on 1884 tax to	
December 28, 1887.....	121,260.15
Balance due city on 1884 tax to	
December 31, 1887.....	3,378.05
	————— \$126,470.04

## 1885.

State, county, city, school and dog tax, 1885,	\$123,010.90
Abatements made on 1885 tax to	
December 31, 1887.....	\$1,798.29
Paid treasurer on 1885 tax to	
December 28, 1887.....	115,164.91
Balance due city on 1885 tax to	
December 31, 1887.....	6,047.70
	————— \$123,010.90

## 1886.

State, county, city, school and dog tax, 1886,	\$116,154.25
Abatements made on 1886 tax to	
December 31, 1887.....	\$1,528.94
Paid treasurer on 1886 tax to	
December 28, 1887.....	109,555.13
Balance due city on 1886 tax to	
December 31, 1887.....	5,070.18
	————— \$116,154.25

## 1887.

State, county, city, school and dog tax, 1887,	\$116,203.50
Abatements made on 1887 tax to	
December 31, 1887.....	\$1,144.70
Five per cent discount on taxes	
paid before July 16, 1887	4,074.31
Paid treasurer on 1887 tax to	
December 28, 1887.....	95,434.38
Balance due city on 1887 tax to	
December 31, 1887.....	15,540.11
	————— \$116,203.50



## INVENTORY OF TAXABLE PROPERTY 1886-7.

	1886.	1887.
Real estate.....	\$4,799,118.00	\$4,919,510.00
Horses.....	86,369.00	85,201.00
Oxen and other cattle.....	36,226.00	33,071.00
Sheep and hogs.....	1,420.00	1,160.00
Carriages.....	25,687.00	24,463.00
Stock in banks, public funds and money.....	702,580.00	700,060.00
Stock in trade.....	1,150,130.00	1,152,948.00
Factory buildings and machinery	1,116,000.00	1,017,000.00
Polls and added list.....	343,272.00	331,837.00
	\$8,260,802.00	\$8,265,250.00
Tax rate \$14 per \$1000		Rate \$14 per \$1000
Property and poll tax.....	\$115,651.25	\$115,713.50
Dog tax.....	503.00	490.00
Total tax.....	\$116,154.25	\$116,203.50

## ENUMERATION OF SCHOOL CHILDREN

Between 5 and 16 years of age.

Year.	No. assessors' enu- meration.	No. attending pub- lic schools.	Average daily at- tendance.
1882.	2060	2029	1440
1883.	1900	1948	1382
1884.	1954	1444	931
1885.	2025	1384	1029
1886.	2038	1518	1118
1887.	2029	1587	1134

(The number attending public schools and average daily attendance is from report of superintendent of schools.)

(7)

## DOVER'S REAL VALUE.

	Market Value.
Number of shares in B. & M. Railroad, owned by citizens of Dover, 3370.....	\$707,700.00
Number of shares in D. & W. Railroad, owned by citizens of Dover, 989.....	119,680.00
Number of shares in P. & D. Railroad owned by citizens of Dover, 3284.....	410,000.00
Number or shares in other Railroads, owned by citizens of Dover, (estimated,) 2000,	200,000.00
Money in savings banks in Dover, tax paid in Dover.....	1,912,206.00
	<hr/> \$3,349,585.00

Number of tax payers in Dover, 3980.

Number who pay only poll tax, 2087.

## RECAPITULATION.

Assessors' valuation of taxable property in 1887.....	\$8,265,250.00
Assessors' estimated value of exempt and un- taxable property in 1887.....	6,049,586.00

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Total..... \$14,314,836.00

Tax rate, \$14 per \$1000.

Property and poll tax assessed in 1887.....	\$115,713.50
Dog tax.....	490.00

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Total tax..... \$116,203.50

Number of school children between five and sixteen years.....	2029
Number of shares of B. & M. Railroad stock.....	3370
Number of shares of D. & W. Railroad stock.....	989
Number of shares of P. & D. Railroad stock.....	3284
Number of polls in 1886.....	2949
Number of polls in 1887.....	3053
Assessed value of stock in trade in Dover in 1886.....	\$1,150,130.00
Assessed value in stock in trade of Strafford County.....	1,843,450.00
Assessed value of stock in trade in the other twelve towns in Strafford county.....	693,320.00
Rochester's value of stock in trade in 1886...	268,672.00
Somersworth's " " " " ...	222,374.00
Rollinsford's " " " " ...	52,183.00
Farmington's " " " " ...	69,850.00
Amount due the city on account of uncollected taxes up to December 28, 1887, accord- ing to the assessors' books and the re- port to us by city treasurer.....	\$32,752 76
Paid since to city treasurer by collector up to January 1, 1888.....	2,066 97
Balance due city January 1, 1888, on account of uncollected taxes and estimated in- terest.....	_____ \$30,685 79

Of this sum of \$30,685 79 due the city January 2, 1888,

probably not over (\$29,000) twenty-nine thousand dollars can be collected. The balance may have to be abated.

Respectfully submitted,

MICAJAH S. HANSON,

JOHN S. GLASS,

JAMES H. DAVIS,

JOHN W. RINES,

For the Assessors of Dover.

## REPORT OF CITY MARSHAL.

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To the City Councils of the City of Dover.

Gentlemen :—The following is a report of the operations of the police department for the past year.

Following the suggestion of Mayor Lowell, in his inaugural, the city councils early in the year passed an ordinance providing for another day officer, whose beat should be on the north side of the river, more particularly on Franklin Square and its vicinity. An election was promptly had under that ordinance. Below is a roster of the present police force :

*Marshal,*

James Fogerty.

*Assistant Marshal,*

John Canney.

*Day Officers,*

Charles E. Stevens,

John H. Otis.

*Night Officers,*

Edgar Caverly,

Charles Fenniker.

Edward A. Willand,

Thomas Wilkinson.

Thomas Fody.

The number of arrests have been 549 ; males 521, females 28.

## CAUSES OF ARRESTS.

Injury to real estate.....	1
Attempt to rape.....	1
Contempt of court.....	1
Insane.....	1
Stealing flowers in cemetery.....	1
Shooting gun in city limits.....	1
Common drunkards.....	1
Entering and stealing.....	1
Attempt to break and enter in night time.....	1
Obtaining goods on false pretence.....	1
Stubbornness.....	1
*Bastardy.....	2
Playing ball in street.....	2
Playing ball on Sunday.....	2
Selling lightning rods without a license.....	2
Adultery.....	2
Cruelty to animals.....	2
Profane language.....	3
Selling liquor.....	3
Brawl and tumult.....	5
Noise and brawl.....	5
Keeping open Sunday.....	7
Breaking and entering in night time.....	8
Truancy.....	8
Keeping open after 10.....	9
Larceny.....	10
Breaking and entering in day time.....	12
Keeping beer for sale.....	14
Disorderly conduct.....	17
Keeping liquor for sale.....	30
Assault.....	77
Drunkenness.....	318
Total.....	549

## DISPOSITION OF ARRESTS.

Taken to insane asylum.....	1
Ordered to leave town.....	3
Discharged without trial.....	4
Delivered to out of town officers.....	4
Placed on file.....	6
Appealed to supreme court.....	9
Continued.....	11
Discharged without trial to leave town.....	11
Sentenced to house of correction.....	12
Discharged without trial by signing pledge.....	14
Disclosed.....	16
Sentenced to jail.....	17
Committed to house of correction for non-payment of fine.....	19
Discharged on taking pledge.....	25
Sentence suspended on taking pledge.....	25
Sentence suspended.....	41
Bound over to supreme court.....	51
Committed to jail for non-payment of fine.....	51
Discharged by court.....	54
Paid fine.....	175
<hr/>	
Total.....	549

## RECEIPTS.

I have received in all from court fines and costs \$2,068.68. Of this I have paid \$316 65 for complaints and warrants, fees due witnesses and for other costs not coming the city. The balance, \$1,752.03, I have paid the city treasurer. The city treasurer has also received from the clerk of police court \$251.99, making the total income of the police department \$2,004.02.

## LODGERS, ETC.

The number of lodgers for the past year is 535. The night officers have found twenty three store doors open and notified the occupants.

About \$75 in money has been found and returned to the several owners, and property lost and stolen to the value of \$900 has been recovered and restored.

We have blanketed thirty five horses and have stabled six horses and one yoke of oxen, which had been left exposed to the weather.

I trust that the work of the department for the past year has met your approval and that our relations may continue pleasant so long as I may serve you and the people of Dover as city marshal.

Yours respectfully,

JAMES FOGERTY,

City Marshal.



## REPORT OF CLERK OF POLICE COURT.

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To the City Councils of the City of Dover :

The clerk of the police court submits the following report for the year ending December 31, 1887 :

There have been entered on the police court civil docket seventy-seven (77) cases. On the police court criminal docket there have been entered four hundred and ninety-four (494) complaints for the following causes, viz :

Drunkenness.....	279
Assault and battery.....	74
Keeping liquor for sale.....	48
Disorderly conduct.....	17
Breaking and entering.....	15
Brawl and tumult.....	12
Larceny.....	10
Truancy.....	8
Keeping saloon open after 10 p. m.....	7
Keeping saloon open on Sunday.....	4
Selling liquor.....	3
Profanity.....	3
Cruelty to animals.....	3
Bastardy.....	2
Selling lightning rods without a license.....	2
Malicious injury to real estate.....	1
Attempt to rape.....	1

Embezzlement.....	1
Contempt of court.....	1
Bonds to keep the peace.....	1
Firing gun in compact part of the city.....	1
Making fraudulent mortgage.....	1
<hr/>	
Total.....	494

These cases were disposed of as follows, viz :

Fined and ordered to pay costs.....	191
Committed to jail and house of correction.....	95
Sentence suspended on taking pledge or leaving city...	81
Discharged.....	60
Bound over to supreme court.....	43
Continued without date.....	15
Appealed to supreme court.....	7
Placed on file.....	1
Quashed.....	1
<hr/>	
Total.....	494

Two persons have been naturalized.

Amount of fees collected by the clerk of the police court and paid to the city treasurer is two hundred and fifty-one dollars and ninety-nine cents (\$251.99).

Respectfully submitted,

A. G. WHITTEMORE,

Clerk of Police Court.

## REPORT OF INSPECTOR OF KEROSENE OIL.

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To the City Councils of the City of Dover :

Gentlemen :—As an officer of the city, elected by your honorable body, it becomes my duty to report to you what I have accomplished during the time I have occupied the position of inspector of oils. I would say right here, that at the beginning of my official duties, I found our citizens using, for the most part, a grade of oil, to say the least, of poor quality, and by adepts in the scientific world considered dangerous in the extreme. The fire test of these oils varied from 114 degrees to, in some cases, 125 degrees, a very few lots running as high as 145 degrees Fahrenheit. All those whose fire test was 114 degrees were by the requirements of the statute to be marked, “Not approved,” as the limit by law, for lighting purposes, is fixed at 120 degrees Fahrenheit.

Since the first few weeks of my duties, I am happy to state, a far better class of goods has been placed upon our market by the leading oil companies and dealers. At the present time we have no oils of less than 160 degrees fire test and they range from that up to 165, 175, 180 and one lot I have tested as high as 196 degrees, while the specific gravity of the same oils was respectively 44, 47, 48 and 49 degrees by Baume’s scale, which is recognized by manufacturers and inspectors as the standard. The following are the principal shippers of oils to this city :

Platt Washburn Refining Company : Maverick Oil Com-

pany; Twitchell, Champlin & Company; Empire State Oil Works; Beacon Oil Company; Walker & Company; Chancery, Young & Company; Masury, Young & Company and the Platt Astral Oil Company.

These firms have shipped to this city one thousand seven hundred and one barrels of refined oil amounting in gallons to about eighty-five thousand and fifty. There has also been received here and inspected thirty-five barrels of naphtha and two barrels of gasolene. Within the past month there has been received one small lot of oil which was inspected and passed, but which caused considerable complaint from consumers, and which, under the existing city ordinances, the inspector was powerless to reject. This lot had a fire test of 170 degrees, combined with a gravity of 47 degrees Baume's scale. The color was water white, and the odor good. All these combined to make it rank as a fine oil for illuminating purposes. But it was found by experimenting, that after burning for several hours, the light grew dim, although there was plenty of oil to feed the flame, and gave rise to an offensive odor. This oil should have been marked "Not approved for illuminating purposes," but the fire test and gravity were so high that it was beyond my power so to do, being restricted by law. The defect in that oil was no doubt caused by putting the oil in foul barrels or from acids or water used in cleaning, a process to be gone through with in refining. Now this might be overcome by changing the city ordinance, so as to give the inspector more latitude, and to allow him in such cases to mark such oils "Not approved," and to send them out of the city.

The matter of lighting our homes with safety is one that commends itself to every citizen, and I for one, feel proud of the improvement in the quality of the oil used in this city during the past nine months. We have given manu-

facturers and shippers to understand that the best is none too good for us, and fully realizing that truth they govern themselves accordingly, and a standard grade of oils for illuminating is the result.

Obstacles were met on the start both from manufacturers and retailers, but they were grasped with a firm hand and at present a general harmony prevails, a result anticipated from the beginning. The action taken by the city authorities in having the laws relating to kerosene oils enforced, has resulted beneficially to the seller and consumer, purity, economy and safety having been secured in an article of untold importance in domestic life. There are several things I might allude to but which I will defer till some future time.

Thanking his honor the mayor, the city councils and the citizens generally for your and their earnest support in the duties of my office, I will close.

Respectfully submitted,

MICHAEL CONLEN,

Inspector of Kerosene Oil.

## REPORT OF CITY SOLICITOR.

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To the City Councils of the City of Dover :

Gentlemen :—I herewith submit my report as city solicitor for the municipal year of 1887.

The case of Woodman vs. Hurd referred to in former reports has finally been adjusted. This suit involved the title to a piece of land in the vicinity of the Old Dover hotel so called. The line between the plaintiff's land and Central avenue has been agreed upon by the parties in interest, and a dedication has been made by the plaintiff to the city, for the purposes of a highway, of all lands west of a line set forth in an instrument recorded in Strafford County Records. Book 284, Page 190.

A suit for thirty thousand dollars (\$30,000) was brought against the city of Dover, May 21, 1887, by Ruel Philbrook, trustee et als, to recover for an alleged infringement of a patent right. Said action, better known as the "Patent Valve Suit," was entered at the October term of the circuit court of the United States, District of New Hampshire, where it is now pending. Similar suits by the same plaintiffs have been brought against the cities of Manchester, Concord, Nashua and Portsmouth. At a meeting of the mayors of said cities, Dover included, at Manchester, on the sixth day of September last, it was agreed that a common defense should be made to said actions ; in accordance

with which William L. Foster, Esq., of Concord was engaged as counsel to act on the part of the said cities.

An action by George S. Trask was brought against the City of Dover, January 22, 1887, for damages occasioned by a defective highway, known as the Littleworth road. The action was tried at the last term of the supreme court and judgment was obtained by the plaintiff for thirty-seven hundred and fifty dollars and costs.

An equity suit against the city was instituted December 20, 1887, by Benjamin T. Whitehouse, praying that the City of Dover be restrained, by an injunction, from proceeding with the construction of the system of water-works in contemplation. A hearing was had in said suit before C. Doe, chief justice, on said December 20, at which time he decided that there was not then any reason why an injunction, such as prayed for, should be granted, and adjourned the hearing to such a time as there might be grounds for such proceedings, notice for such subsequent hearing to be given.

On August 19, 1887, three notices of claims were filed against the city for damages alleged to have been occasioned on the tenth day of August last, by a defective highway, known as Central avenue, near Garrison Hill. They are as follows :

Nettie M. Ward, injury to person, five thousand dollars (\$5,000).

Lizzie Tatner, for injury to person, five thousand dollars, (\$5,000).

James M. Stevens, for injury to person, horse and carriage, twenty-two hundred and seventy-five dollars (\$2275).

Whenever occasion has demanded I have appeared, on be-

half of the city before the police court, in the prosecution of criminal offences, which will be enumerated in other reports.

Respectfully submitted,

ROBERT G. PIKE,

City Solicitor.



# REPORT OF OVERSEER OF THE POOR.

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To the City Councils of the City of Dover :

Gentlemen :—I herewith submit the following report as overseer of the poor of the City of Dover for the year ending December 31, 1887 :

Appropriation.....\$1,500.00

## EXPENDITURES.

Paid for support of city paupers..... \$1,329.60

“ County of Strafford for support of  
city paupers at county farm..... 322.12

Removing paupers to county farm..... 48.00

Paid town of Alton for support of  
Mary H. Nutter and family..... 105.00

Salary of overseer..... 100.00

————— \$1,904.72

## RECEIPTS.

Received of city treasurer..... 1,100.00

Balance due..... 804.72

Respectfully submitted.

GEORGE W. GRAY.

Overseer of the Poor.

We, the undersigned have examined the accounts and vouchers of George W. Gray, overseer of the poor, for the year ending December 31, 1887, and find the same correct.

GEORGE G. LOWELL,

WILLIAM D. TAYLOR,

VALENTINE MATHES,

ARCHIBALD B. BLAIR,

LEIGH RICHMOND,

Joint Standing Finance Committee.

DOVER, N. H., January 3, 1888.

To the City Councils of the City of Dover :

By vote of the school committee of the City of Dover, I have the honor to communicate to you the annual report of said committee to the city adopted January 2, 1888, as prescribed by Section 21, of Chapter 88, of the general laws of the state of New Hampshire of which report the reports of the superintendent of schools, the committee on finance and claims, the auditing committee and committee on the evening school, also herewith presented, were by vote of the school committee approved and made a part.

Respectfully,

CHARLES A. FAIRBANKS,

Secretary.

## REPORT OF SCHOOL COMMITTEE.

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In conformity with the requirements of the public statutes the school committee take pleasure in transmitting herewith their eighteenth annual report.

The membership of the committee and the terms for which the members were elected are as follows :

### SCHOOL COMMITTEE 1887-8.

(Chosen by the people.)

Ward 1 :	<i>Term Expires.</i>
Alonzo T. Pinkham.....	January, 1889
Fred E. Quimby.....	“ 1888
Ward 2 :	
Alonzo H. Quint.....	January, 1889
Thomas B. Garland.....	“ 1888
Ward 3 :	
Charles A. Fairbanks.....	January, 1889
William H. Vickery.....	“ 1888
Ward 4 :	
Charles A. Tufts.....	January, 1889
Thomas J. W. Pray.....	“ 1888
Ward 5 :	
John J. Shea.....	January, 1889
Patrick Gorman.....	“ 1888

(Chosen by the City Councils.)

Ward 1 :		<i>Term Expires.</i>
Nathaniel Horne.....	January, 1889	
Ward 2 :		
Oliver J. Clark.....	“ 1888	
Ward 3 :		
John T. Welch.....	“ 1889	
Ward 4 :		
Thaddeus P. Cressey.....	“ 1888	
Ward 5 :		
John F. Gorman.....	“ 1889	

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## ORGANIZATION.

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*Chairman.*

\*THADDEUS P. CRESSEY,  
150 Central avenue.

*Secretary,*

CHARLES A. FAIRBANKS,  
360 Central avenue.

*Superintendent of Schools,*

CHANNING FOLSOM,

Residence, 133 Locust street. Office, Bracewell Building.

Office hours, 8 to 8.30 A. M., and 11.45 M. to 12.30 P. M.

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\*Thomas B. Garland resigned as chairman July 14, and on same date Thaddeus P. Cressey was elected to fill vacancy.

*Treasurer,*

ISAAC F. ABBOTT,  
Dover National Bank.

*Janitors,*

HORACE EMERSON,  
Broadway, for the north side.

GEORGE H. PATTERSON,  
22 Atkinson street, for the south side.

*Truant Officer,*

JAMES FOGERTY,  
Locust street.

*Sub-Committees,*

Qualifications of teachers—Cressey (ex-officio). Tufts, Fairbanks, Pray, P. Gorman, Pinkham.

Finance and Claims—Clark, Welch, J. F. Gorman, Pinkham, Horn.

Health—Fairbanks, Horn, P. Gorman.

Music—Tufts, Garland, Vickery.

Text Books—Quint, Tufts, Quimby.

High School—Cressey (ex-officio), Pray, Vickery, Garland, Quint, Shea.

Grammar Schools—Pray, Welch, P. Gorman, Horn, Clark.

Primary Schools—Garland, Quint, Vickery, Quimby, J. F. Gorman.

Ungraded Schools—Welch, Shea, Cressey, J. F. Gorman, Pinkham.

Evening School—Quimby, Shea, Fairbanks.

## FINANCES.

The appropriation for schools for the past year was \$21,412.50; and total receipts \$23,046.32. The gross expenses \$23,046.32. For details we refer you to the full report of the committee on finance and claims.

At the commencement of the present municipal year the appropriation asked for by the school committee was granted by the city councils. The committee made no estimate for contingencies that might arise during the school year. Early in the year the citizens of Long Hill presented a petition urging the re-opening of the school in that district. The city councils voted an additional sum of \$350.00, to meet the demand. An increase of teachers' salaries reduced the general appropriation so that the schools were deprived of many of the much needed supplies. The committee deem it advisable that a contingent fund should be at their disposal, as is the custom in most other cities, to meet the unforeseen expenses that may arise during the coming year. This will necessitate a much larger appropriation for the schools than last year. We recommend that while every demand for expense be carefully scrutinized, no false economy be applied in the maintenance of our schools. After careful consideration we believe six thousand and fifty dollars (\$6,050), in excess of the amount required by law, will be needed for the successful working of the schools during the coming year.

## HIGH SCHOOL.

In the last annual report, the superintendent of schools submitted a recommendation that the course of study in the high school should be revised. The consideration of the matter was referred to the committee on the high school. This committee, after consulting with the superintendent, and with the principal of the high school, reported to this

board a course essentially modifying and strengthening the former one. It was adopted by the board, and went into use at the beginning of the present school year. It is sufficient to say that we believe it to be the best course of study that our high school has ever had. Efficient teachers have been secured for the school, and we have done all we could, under the circumstances, to make the school what it ought to be, but we fail to get the full benefit of the teachers' labors for want of proper physical and chemical apparatus.

A working laboratory for the pupils in physics and chemistry should be connected with the high school, affording opportunities for practical experiments, equal in efficiency to those of the best high schools. It would give a practical use of weights and measures, inculcate habits of research, a close observance of natural phenomena, and a practical knowledge of the working of the laws of nature. It would make the study of chemistry something more than an attempt to memorize the dry formulas of the text books. It would give the pupils an idea of the constituent properties of matter, and the laws of their combination, which can be obtained in no other way.

A literary or debating club should be organized under the control of the teachers, to put into present use the fruits of their reading and study. Such agencies are invaluable for developing and training those who would endeavor to make their mark in the world. The school can do much valuable work with its older pupils by directing their minds to the impending questions which press for discussion and settlement. From the present outlook the established institutions of society are to be tested as never before, and will have to be met by clear brains and matured and well settled convictions. "The rights and duties of the citizen ;"

the true meaning of the declaration, "All men are born free and equal;" the principles of political economy and their application to the affairs of life; free trade theories; high tariff practices; co-operative unions; labor organizations; the benefit derived from capital by the poor as well as the rich; what the state may rightfully control and what should be left to private enterprise;—these and many other important subjects should be made matters of study and discussion in the high school. They should not be treated in any dogmatic fashion, but as so many-sided questions which must be studied in the light of common sense, and which can never be fully settled until men are governed less by selfishness and more in accordance with the spirit of christianity.

The moral and intellectual standing of the high school depends largely upon four things—the natural ability of the pupils; their qualifications at the time of entering; their devotion while members of the school, and the efficiency of the teachers. We have no fear of a decline in the first of these conditions, have promise of an improvement in the second, hope for better things in the third, and shall expect by added facilities an increase in the fourth.

#### TRAINING SCHOOL FOR TEACHERS.

It has been the rule in most cases to engage teachers, other things being equal, from graduates of our high school in preference to those applying from other places, and it is the purpose of the committee to observe this rule in the future. A training school should be established without delay, where graduates and other residents of equivalent culture who choose teaching as a profession, may have the opportunity to secure practical instruction and training to prepare them for the work, thus insuring to the schools, home talent of tried ability and special knowledge when vacancies



occur. A knowledge of the human mind, and especially of the laws of its development, is now justly regarded as one of the most important studies for teachers. Teachers and the public have been slow to understand, or at least to acknowledge, that the same principle is true in teaching that applies to other departments of labor; that those who have made a study of their calling, and have had special training for its duties, will do better work and be more likely to succeed than those who have not made such preparation. There is an increased interest in this subject of teachers' qualifications. The normal schools were never before so full, and yet the demand for teachers trained in them is greater than the supply. Educational conventions and institutes are every year more numerous, at which the attendance is large, and in which teachers of every class participate; educational journals, some of them very practical in their character, have a large and increasing patronage, and new and valuable works on teaching and education are every month coming from the press.

In this connection the cordial approval of this board should be given to the plan of the teachers in supporting a teachers' library, by which all subscribing are supplied with the leading educational publications, books and periodicals. This is a most excellent idea, and proves of great value to the teachers, who have the co-operation and advice of the superintendent in carrying out the plan.

#### MILITARY.

A degree of excellence has been attained in military drill, which has been a surprise to all. A marked improvement in the manly bearing of the cadets as they walk the streets, an increase of self-respect, a consciousness of self-control, and a clearer idea of what enters into the make-up of a well

developed man, are among the noticeable results of the physical training.

It is very unfortunate that we have no means of conferring a like benefit on the girls. In their case, the demand for physical development is even more imperative. Fashion and public sentiment alike conspire to debar girls from taking sufficient exercise, thus leaving them a prey to weak nerves and their attendant evils. What is needed for the girls is a properly lighted and ventilated room where calisthenics may be taught and practiced daily. It should be large enough for all to participate at the same time. It should be furnished with a piano, light wooden dumb-bells, and other inexpensive apparatus. When the city is really in earnest about the matter this want will be supplied.

#### FREE TEXT-BOOKS.

For several years the school committee has endeavored to impress upon the city councils the urgent need of free text books in our schools. In 1886 the superintendent's report contained an elaborate statement of facts and figures showing the working of the system in the neighboring towns and cities where it has been introduced. At the last session of the legislature a bill passed the house to make it compulsory throughout the state to supply free text-books to the schools. The senate refused to concur, and the bill was defeated. The committee desire to call renewed attention to this subject as one of great importance, especially to persons of moderate means, and would request the city government to take the necessary steps to supply the schools with free text-books without waiting for the legislature to make it imperative.

#### DRAWING.

At a meeting of the school committee, December 8, a report was presented by a special committee to whom was re-

ferred the expediency of introducing into our schools a system of drawing. The committee was unanimous in recommending that drawing be made a part of the studies in the schools. The report was adopted, and the same committee was authorized to examine and recommend some one of the different systems to the board for final action. It is as difficult to teach drawing as it is music. It requires as much of knowledge, of skill, and of natural fitness. We need just as much a special teacher of drawing as we do of music, and without one our work in drawing would be in the same condition as the work in music would be without a special teacher in that branch. With us music in our schools is a matter of just pride ; every one takes an interest in it, all approve it.

#### A PRACTICAL EDUCATION.

Occasionally we hear the demand for a practical education, and when we analyze the demand it is found to be a claim that those subjects, and only those, be taught, which lead directly to earning a living. When a celebrated artist was asked by what process he mixed his colors, he replied, "I mix them with my brain sir," and he who has the greatest brain power, other things being equal, can secure the best remuneration, whether his efforts be in literature or manual labor.

The object of an education is not to make a farmer or a mechanic, but to make a man. Mark Antony said of Julius Caesar, "The elements were so mixed in him, that nature might stand up and say to all the world, this was a man." An education makes a man a better citizen, and a more intelligent voter ; hence in a republic like ours, where every man is a sovereign, an education must tend to make every man a better law maker, capable of greater sympathies with his fellow man, of more generous impulses, and a more

forgiving disposition. Is not that which makes an individual more than a mechanic, more than a farmer, more than a skilled workman, a practical education?

#### THE PERKINS PRIZES.

Near the close of the school year Hon. Hosea B. Perkins of New York City, a native of Dover, manifested his interest in the home of his boyhood, and his zeal for education, by offering a beautiful and valuable medal as a prize for excellence in oratory, to be competed for by the graduating class in their public exercises. The school committee accepted Mr. Perkins's offer, and he added a second prize. A committee of award was appointed in accordance with Mr. Perkins's suggestion. The successful issue of the exercises proved the wisdom of the committee in accepting the liberality of Mr. Perkins.

#### CO-OPERATION OF PARENTS.

The importance and true value of co-operation of parents with teachers is not fully appreciated. The home environment has much to do with the character and conduct of our children. Great responsibility rests upon parents and guardians to assist by moral training at home the discipline in our schools. The conscience must be taught to do what is right, and the heart to be loving, truthful and obedient. When these principles are inculcated, promoted and developed at home, the mental and intellectual training and culture of children can be better performed in our schools.

The most beneficial results would accrue if parents would frequently visit the schools attended by their children, and become known to the teachers. They should show by their actions the great personal interest they have in the education of their children. Every good teacher would gladly welcome the visits of parents, and not only appreciate the

advice and information given them as to individual peculiarities, needs and conditions of the children, but would promptly act on such information, and much of the friction now existing would be removed.

A supplementing of the teacher's advice and directions, by a hearty endorsement, and above all an upholding of the dignity and authority of the teacher to the pupil, or report to the committee of such well grounded and proved complaints as will remove the teacher if not a fit and proper person, will go very far towards putting the schools in the very best possible condition.

#### SALARIES OF TEACHERS.

The education of the young is a sure foundation of the prosperity of our city in the future. Even if the present expense seems large, we cannot afford to allow our best instructors to be enticed away to other cities where skilled labor receives a larger compensation. The committee believe that teachers of long experience and true merit should receive larger salaries than those of less experience and inferior qualifications.

At the New Orleans Exposition in 1885, Hon. Andrew J. Rickoff, in a paper on "School Economy," truthfully said: "In no other profession or business is so little regard paid to the difference between skilled and unskilled labor as in the schools. You will often find side by side the young apprentice and the skilled teacher of years and years experience, receiving the same salary because they teach in the same grade. And again you will often see two teachers starting out together, one adapted by nature to the care and instruction of children, endowed with such tact that her scholars seem to anticipate her wishes; the other arousing such antagonism that she can control only by force; one inspiring

her scholars with a love of school and of books, the other with aversion to everything associated with them. These two will sometimes teach in the same school or the same city, and under the same board of management, year after year, at the same salary, because they continue in equal grades, or it may be at salaries advancing with equal step, because they began to teach at the same time. The consequence of such mistakes as these is either to dishearten the successful teachers, or drive them to other fields of labor where their ability is duly appreciated and rewarded."

#### EVENING SCHOOL.

The committee, being encouraged by the unqualified success of our evening school, feel justified in recommending that an evening school be opened at the ward house in ward four, to accomodate a large number of persons living at Sawyer Mills and vicinity, who wish to avail themselves of such school privileges.

#### CONCLUSION.

It can truthfully be said that our public schools rank above the average of such institutions; that the money paid so cheerfully for their maintenance is producing fairly good results, and that never in their history have they been in a more satisfactory condition than at the present time. If in the near future the public schools are placed in the very front rank of free institutions of learning, becoming the pride of our own and the standard of excellence for other cities, it will be largely due to the fact that the school committee, superintendent and teachers are aware of the defects that now impair the system, and are determined to spare no effort to remove every obstacle that hinders improvement; to supply, so far as lies in their power, every requirement to raise the standard and to bring into play every agency that will strengthen the organization and develop its usefulness.

When we have found a new and better way, the best view to take of it is to congratulate ourselves, and thank those who pointed out to us the better way. Mere change is not in itself evidence of improvement; but to lay aside that which has not proved wholly satisfactory and to adopt that which gives sure promise of better results, is always the part of wisdom. The great characteristic of our civilization to-day, in all the phases of human activity, is progress. But there are teachers in Dover who are progressive, who are on the alert for improvement, and who are striving to understand the principles that underlie the correct training of the human mind.

If we are asked to characterize the condition of the schools, we can say in all sincerity and truthfulness that they are generally good, but the possibilities of the schools in the way of improvement are not, by all engaged in them, fully realized. To point out the defects and short-comings of the schools is never a welcome task; and it is to be regretted that such criticism is too often looked upon by some teachers as mere fault-finding rather than as friendly suggestions for the improvement of the schools, and for aiding the teachers themselves in a more satisfactory and successful discharge of their duties.

Nothing has occurred during the year to disturb the harmony of our schools. We have had a successful year, mainly due to the enthusiastic labors of an efficient corps of teachers, wisely directed by our able superintendent, to whose report you are referred for the condition of our schools in detail.

By vote of the committee,

THADDEUS P. CRESSEY,  
Chairman.

CHARLES A. FAIRBANKS,  
Secretary.



## REPORT OF EVENING SCHOOL COMMITTEE.

Dover, N. H., January 2, 1888.

To the School Committee :

Gentlemen :—As the government of the evening school, as well as the appropriation for its maintenance, form a special and separate trust in our school work, your committee in charge of this department would submit the following report :

Amount of appropriation.....	\$450.00	
Surplus from 1886.....	10.84	
		-----
Total receipts.....		\$460.84
Expenditures.....		433.80
		-----
Balance on hand.....		\$27.04

The school has had during the past year, two terms, aggregating twenty weeks, Mr. Robert McMahon and Miss Isabel C. Tibbetts, teachers. The attendance has been very satisfactory, one hundred and nine pupils having registered against ninety-five as the total last year, while the average attendance has been 42.2, an excess of 17.2 over that of the preceding year. This latter fact conclusively demonstrates to your committee the expediency of continuing this school. The beneficent results directly traceable to an educational factor of this character as demonstrated in the larger manufacturing centers, is proportionately true of our own city. That there is a growing interest in educational matters, that those who, through various causes, have been denied the advantages of early school training, are yearly calling more loudly for recognition and aid, must be apparent to all. To meet this need in a manner productive of the greatest good



with the means at the disposal of the board, is a question which should be carefully considered.

As this is the season of the year when the best results are apparent, we would respectfully suggest that immediate action be taken by this board to secure sufficient means for the immediate re-opening of the evening school, in anticipation of the annual appropriation.

For statistics and details we would respectfully refer you to the report of the superintendent of schools.

Respectfully submitted,

FRED E. QUIMBY,  
CHARLES A. FAIRBANKS,  
Committee on Evening School.

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#### FINANCE COMMITTEE'S REPORT.

The committee on finance and claims respectfully make the following report as to the receipts and expenditures of the board during the year 1887.

The resources of the committee, apart from the special appropriation for the evening school were as follows:—

##### RESOURCES.

Appropriation by law.....	\$16,362.50	
Appropriation in addition.....	5,050.00	
Total from City Treasurer...	\$21,412.50	
Tuition from persons.....	187.76	
Literary fund from State Treasurer	1,172.16	
From evening school appropriation,		
for fuel and supplies.....	18.55	
From Rev. D.W. Murphy for fuel	22.45	
Surplus from 1886.....	232.90	
	<hr/>	\$23,046.32

## EXPENDITURES.

General account . . . . . \$23,046.32

## GENERAL EXPENSE ACCOUNT, BY SUB-DIVISIONS.

*Salaries.*—

Teachers* . . . . .	\$17,103.28	
Superintendent of schools . . . . .	1,600.00	
Secretary of the committee . . . . .	100.00	
Treasurer of the committee . . . . .	50.00	
		<hr/>
		\$18,853.28

*Care of School-houses and School-rooms:*—

Horace Emerson, north side . . . . .	\$600.00
George H. Patterson, south side . . . . .	549.96
Clara B. Colbath, suburban . . . . .	5.00
Harry T. Henderson, “ . . . . .	12.00
John Corson, “ . . . . .	15.75
Joseph Perkins, “ . . . . .	3.00
Edwin Locke, “ . . . . .	3.75
Harry T. Kelly, “ . . . . .	11.00
Fred C. Baxter, “ . . . . .	16.25
Etta B. Kelly, “ . . . . .	12.00
George Austin, “ . . . . .	9.50
John Hanson, “ . . . . .	11.00
Frank W. Colbath, “ . . . . .	5.00

\*The pay of teachers at the close of the school year was at the following rates:

High School—Principal. \$1600; Assistants, \$900. \$650, \$600, and \$550 respectively.

Grammar Schools—\$11 per week for thirty-six weeks; First class Sawyer, \$800 per year; First class Belknap. \$600 per year; Principals of Varney and Pierce buildings, \$11.50 per week.

First class Hale primary \$9.50 per week; other primaries and ungraded schools. \$9 per week for thirty-five weeks.

Music teacher \$11 per week for thirty-eight weeks.

Leroy M. Locke, suburban.....	6.50	
Frank Kelley, " .....	7.00	
James M. Hayes, " .....	2.91	
William Hooper, " .....	50	
James Rafferty, " .....	5.00	
William Bennett, " .....	2.00	
Charles Corson, " .....	2.25	
Henry M. Pinkham, " .....	.50	
James Smith, " .....	2.00	
Hiram Johnson, " .....	5.50	
Albert S. Faxon, " .....	4.00	
Ernest Lucas, " .....	6.25	
Welbee Butterfield, " .....	4.00	
William H. Wormell, " .....	4.00	
Charles H. Trickey & Co., moving coal.....	2.00	
Charles A. Faxon, janitors' supplies	.75	
		<hr/> \$1,309.37

*Fuel:—*

Coal.....	\$1,188.07	
Wood.....	320.41	
		<hr/> \$1,508.48

*Books, Printing and Stationery:—*

Books for teachers' desks.....	\$18.91
Permanent reference books.....	16.50
Supplementary reading books for all the schools.....	94.55
Binding.....	7.60
Printing.....	130.35
Reading charts.....	46.00
Music charts.....	9.84
Writing charts.....	18.00

Physiological charts .....	18.00
Maps .....	30.28
Globes .....	24.40
Cyclostyle and papyrograph supplies	17.00
Latin texts .....	12.55
Paper, pencils, pass-books, mucilage, pens, practice-paper, penholders, blank books, note blocks, book covers, letter heads, ink stands, document case, rubber bands, blotting paper, slate pencils, cutting paper, seals, ink .....	268.82
Record book and order book .....	13.50

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 \$726.30

*Incidentals:—*

Rent, heating and gas .....	\$83.20
Express, trucking and postage ....	55.65
Cleaning clocks .....	12.65
Chemicals for High school .....	10.10
Physical apparatus for High school	122.87
Diplomas for High and Grammar schools .....	33.28
School supplies, such as dippers, brooms, erasers, pointers, flannel for dusters, thermometers, screw eyes, axes, basins, dust pans, braided cord, pails, call bells, oil can, mats, pulleys, waste baskets, picture knobs, feather dusters, ink-well fillers, sand paper, coal scoop .....	172.39
Crayons .....	9.90

Repairs on philosophical apparatus,		
High school.....	4.25	
Miscellaneous.....	34.60	
Military drill.....	100.00	
Repairs.....	10.00	
	<hr/>	\$648.89
Total.....		<hr/> \$23,046.32

## SPECIAL APPROPRIATION ACCOUNT.

*Evening School:—*

Received from City Treasurer.....	\$450.00	
Surplus from 1886.....	10.84	
	<hr/>	\$460.84
Expended.....		\$433.80
		<hr/>
Surplus.....		\$27.04

*Evening school account by subdivisions:*

Teachers*.....	\$346.80
Janitors.....	30.80
Kerosene Oil.....	7.00
Fuel.....	12.50
Printing.....	9.75

\*Salaries: Principal, \$10 per week; Assistant, \$7 per week.

Arithmetics, histories. ink, slate	
pencils, pens, paper, lead pen-	
cils, broom, dust pan, brushes,	
express.....	26.95
	<hr/>
	\$433.80

Respectfully submitted,

OLIVER J. CLARK,  
JOHN T. WELCH,  
JOHN F. GORMAN,  
ALONZO T. PINKHAM,  
NATHANIEL HORN.

Committee on Finance and Claims.

Dover, N. H., December 31, 1887.

#### AUDITING COMMITTEE'S REPORT.

To the School Committee of the City of Dover:—

Gentlemen:—The undersigned, appointed to audit the accounts for the past year, respectfully report as follows:

We have examined the books and accounts of Isaac F. Abbott, treasurer of the school committee, and find them properly kept, correctly cast and vouched for, and that the sum of twenty-seven dollars and four cents remains in his hands, which we find to be on deposit in the Dover National Bank.

We have also examined the receipted bills in the hands of the secretary and find them to be properly cast, approved by the committee on finance and claims, or otherwise as the rules direct, receipted in full, and to correspond with the orders on the treasurer drawn therefor.

Respectfully submitted,

CHARLES A. TUFTS.  
WILLIAM H. VICKERY,  
FRED E. QUIMBY,  
Auditing Committee.

## REPORT OF SUPERINTENDENT.

To the School Committee of the City of Dover :

In obedience to your requirement, I present a report upon the condition of the public schools of this city, it being my sixth annual report.

I have compiled the following statistics for your consideration, in accordance with the law of the state, which requires certain facts from the school committee annually.

Assessors' enumeration of children in the City of Dover, between the ages of five and fifteen.

Wards.	April, 1885.			April 1886.			April, 1887.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.
1	176	161	337	171	158	329	175	162	337
2	189	221	410	208	210	418	169	204	373
3	152	169	321	185	170	355	170	163	333
4	309	288	597	280	281	561	308	296	604
5	182	178	360	189	186	375	194	188	382
Total. . . .	1008	1017	2025	1033	1005	2038	1016	1013	2029

Whole number of different pupils enrolled during the year  
excluding repeated registration :

	Boys.	Girls.	Total.
High School.....	59	74	133
Grammar schools.....	199	190	389
Primary schools.....	372	366	738
Ungraded schools.....	110	108	218
Total in day schools.....	740	738	1478
In evening school.....	59	50	109
Total.....	799	788	1587

Number in day schools under six years of age.....	129
Number over sixteen years of age.....	75
Number between six and sixteen.....	1274
Number between five and fifteen.....	1373

Average number enrolled :

High school.....	130
Grammar schools.....	348
Primary schools.....	605
Ungraded schools.....	175

Total. ....	1258
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Average enrollment compared with total enrollment, per cent.....	85
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## Average attendance daily :

High school.....	126
Grammar schools.....	335
Primary schools.....	535
Ungraded schools.....	138
Total.....	1134

## Average attendance compared with average enrollment, per cent :

High school.....	96.9
Grammar schools.....	96.2
Primary schools.....	88.4
Ungraded schools.....	78.8
Total.....	90.0

## Average attendance compared with total enrollment, per cent :

High school.....	94.7
Grammar schools.....	86.1
Primary schools.....	72.5
Ungraded schools.....	63.3
Total.....	76.7

## Number of tardinesses during the year :

High school.....	133
Grammar schools.....	97
Primary schools.....	549
Ungraded schools.....	193
Total.....	972

Number of pupils neither absent nor tardy.... 117

Number of visits made by the superintendent :

High school.....	42
Grammar schools.....	205
Primary schools.....	317
Ungraded schools.....	82
Evening school.....	15
<hr/>	
Total.....	661

Number of visits made by members of the committee :

High school.....	25
Grammar schools.....	82
Primary schools.....	65
Ungraded schools.....	23
Evening school.....	7
<hr/>	
Total.....	202

Number of visits made by parents, citizens, and others :

High school.....	127
Grammar schools.....	997
Primary schools.....	1370
Ungraded schools.....	433
Evening school.....	7
<hr/>	
Total.....	2934

Number of teachers during the years 1886-7 :

High school.....	5
Grammar schools.....	10
Primary schools.....	15
Ungraded schools.....	10
Evening school.....	2

## Special teachers :

Music.....	1
Military science.....	1

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Total.....	44
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Number of school-houses.....	18
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Number occupied at close of year.....	17
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Number of teachers who have attended a normal school.....	6
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## Number of weeks in the school year :

High school .....	38
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Grammar schools.....	36
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Primary schools.....	35
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Ungraded schools.....	35
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Evening school.....	20
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## Number of instances of tardiness during the last five years :

1882-3.....	3188
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1883-4.....	2193
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1884-5.....	2571
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1885-6.....	1452
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1886-7.....	972
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Table showing attendance in detail during the year ending June 30, 1887.

School.	Class.	Teacher.	Whole number of different pupils enrolled.	A'vge enrollment.	A'vge attendance.	Per cent of atten- dance.	Number of Tardinesses.	Number of pupils neither absent absent or tardy.
High.....		James H. Willoughby.....	133	130	126	96.8	133	20
GRAMMAR SCHOOLS.								
Sawyer.....	1st	Frank H. Pease.....	38	36	34	93.6	6	8
Sawyer.....	2d	Sarah L. Hallam.....	42	37	36	95.6	13	7
Sawyer.....	3d	Carrie S. Hanson.....	44	34	32	93.6	7	3
Sawyer.....	4th	Maria O'Neill, Helen M. Clark.....	42	31	26	89.2	16	1
Sherman.....	3d and 4th	Ida M. Clement.....	57	33	29	92.8	31	3
Belknap.....	1st	Mary S. Piper.....	37	34	33	96.8	13	9
Belknap.....	2d	Ida B. Hanson.....	46	44	43	97.7	0	13
Belknap.....	3d	Mary E. Cartland.....	55	41	38	90.	6	11
Belknap.....	4th	Alice H. Davis.....	53	39	35	94.9	13	4
Varney.....	3d and 4th	Maria O'Neill.....	43	32	28	91.8	11	3
PRIMARY SCHOOLS.								
Sawyer.....	1st	Helen M. Clark, Minnie A. Ricker.....	45	37	34	91.9	11	1
Sawyer.....	2nd	Alta M. Wiggins, Carrie E. Hammond.....	60	38	34	89.5	23	0
Sawyer.....	3d	Carrie B. Drew.....	56	35	31	88.8	18	1
Sawyer.....	4th	Hattie J. Bickford.....	70	41	35	85.4	56	1
Peirce.....	1st and 2d	Lizzie F. Drew.....	51	35	32	91.8	16	3

Peirce.....	2d and 3d	Miriam Davis.....	74	41	38	91.	24	0
Peirce.....	4th	Laura A. Hayes.....	89	49	43	87.9	79	1
Varney.....	1st and 2d	Aletta J. Foss.....	54	37	31	91.4	59	4
Varney.....	2d and 3d	Mary L. Randall.....	64	41	36	88.5	53	2
Varney.....	4th	Agnes B. Whitehead, E. A. F. Currier	64	42	35	83.3	50	0
Hale.....	1st	Juliette Reynolds.....	56	42	40	95.	41	4
Hale.....	2d	Mabel C. Hartford, A. B. Whitehead	53	48	43	89.6	29	4
Hale.....	3d	Emeline B. Thomson.....	46	35	30	85.7	47	0
Hale.....	4th	Nellie P. Wallingford.....	71	46	38	86.8	20	1
Welch.....	3d and 4th	Arabella L. Roberts.....	41	36	30	85.	23	2

# UNGRADED SCHOOLS,

Upper Factory.....	{ Emma A. F. Currier,..... }	19	18	16	89.2	6	1
Garrison Hill.....	{ Carrie E. Colbath..... }						
	{ Minnie A. Ricker..... }	27	18	14	77.7	14	1
Blackwater.....	{ Sophia A. Lutolf..... }						
	Fannie E. Robinson.....	13	11	9	81.3	41	1
Long Hill.....	{ James M. Hayes..... }						
	{ Carrie M. Meserve..... }	12	7	6	85.5	20	0
Tote-end.....	Helen C. Varney.....	17	13	11	86.5	3	0
Littleworth.....	Margaret M. Bowers.....	23	16	13	81.3	21	0
Knox Marsh.....	Mertie H. Emery.....	6	5	4	80.	12	0
Back River.....	Sarah A. Hooper.....	48	34	27	80.	31	0
Upper Neck.....	Mary R. Wolcott.....	34	23	19	78.3	34	0
Lower Neck.....	Ella G. Libby.....	34	26	21	85.6	11	1

*Table of attendance in the day schools since the organization of the present city school district :*

School Year.	Whole number of different pupils enrolled.	Average attendance daily.	Average attendance compared with total registration, per cent.
1870-71	1865	1270	68
1871-72	1857	1257	67.7
1872-73	1887	1231	65.2
1873-74	1877	1225	65.3
1874-75	1864	1191	63.8
1875-76	Not reported.	Not reported.	Not reported.
1876-77	"	"	"
1877-78	"	"	"
1878-79	1613	1028	63.7
1879-80	1946	1388	71.3
1880-81	1880	1436	76.4
1881-82	2029	1440	70.9
1882-83	1948	1382	70.9
1883-84	1444	931	64.5
1884-85	1384	1029	74.3
1885-86	1423	1118	78.6
1886-87	1478	1134	76.7

*Table showing cost per capita for instruction in the several grades of schools.*

	Total enrollment of pupils taken as a basis.	Average enrollment of pupils taken as a basis.	Average daily attendance taken as a basis.
High school.....	\$31.20	\$31.92	\$32.94
Grammar schools .....	11.82	13.23	13.73
Primary schools.....,	6.49	7.92	8.96
Ungraded schools:			
Upper Factory.....	16.58	17.94	20.00
Garrison Hill.....	11.70	17.50	22.50
Blackwater .....	25.00	28.64	35.00
Long Hill.....	26.25	48.46	57.28
Tole-end....	18.53	25.00	28.00
Littleworth.....	13.70	19.69	25.00
Knox Marsh....	53.00	63.00	78.75
Back River.....	6.56	9.26	11.67
Upper Neck.....	9.26	13.70	16.57
Lower Neck.....	9.26	12.00	14.92
Summary of Ungraded Schools.	14.45	18.00	22.82
Average for the city.....	11.29	13.26	14.72
Cost per capita for incidental expenses.....	4.01	4.72	5.23
Cost per capita for supervision.	1.08	1.27	1.41
Total expense per capita.....	16.38	19.25	21.36

The last table showing the cost *per capita* is instructive inasmuch as a study of it shows why the cost of education in this city exceeds that of many other places of equal population that pay about the same or even higher salaries. There are but few places of the size of Dover that have so large an area with so scattered a population; these conditions make necessary ten ungraded schools, some of them quite small, aggregating two hundred and eighteen pupils for a total enrollment, one hundred and seventy-five for the average enrollment, and one hundred and thirty-eight in average attendance. It costs the same to instruct five pupils in one of these rural schools that it does to instruct forty or even fifty in a primary school in the compact part of the city. If the same number of children lived near together one half the number of teachers would be considered ample: if they lived in such localities that they could be distributed equally among the graded schools, it would probably be considered that they could be cared for without increasing the number of such schools, though even now some of them are crowded. But these ten schools are all deemed essential to the convenience of that portion of the population living in the rural districts; it is therefore necessary to pay for them and criticism upon the expense thus entailed is unfair.

#### TEACHERS.

It cannot be reiterated too often that the character of a school depends upon the personality of the teacher; that the standing of the schools of any town or city is dependent upon the average ability of the teachers in those schools and upon the care used in their selection. The quality of any schools can be at once improved by placing better teachers in charge. Admitting this truism, it must be seen at once that there is a wide range in the quality of the teaching in your schools, caused by the great variety of ability and ex-



perience of your teachers ; some of them from years of experience added to a high order of native ability have received flattering offers for service in other cities at salaries much in advance of those paid here for similar work, others content to remain with you could readily secure such positions did they desire them ; another class with fewer years of experience, but apt to learn, will soon be in position to command more lucrative places elsewhere : a third division will never rise above mediocrity wherever they may be placed. Thus Dover is a training school for those more favored communities, with more money, to call their teachers from, and her children suffer from this fact.

I have never heard of a city that recruited the ranks of its teachers exclusively from its home production without the pre-requisite of a suitable training or a successful experience, whose schools stood in the first rank, and I do not believe that such a one exists. From the very nature of things, its existence is an impossibility.

In no other occupation are apprentices or inexperienced workmen placed on the same footing as those practiced in their art, either in respect to pay or expected nicety of work ; in no other business would a man employ a green boy to perform the same work as a finished workman or pay him the same weekly wages. But this is done in the employment of teachers every year. It is not to be wondered at that Dover girls neglect the training of normal schools when they can see no immediate advantage accruing from the outlay of time and money necessary for a professional course ; when they are allowed to believe that they can as readily secure positions in your schools without such professional training as with it, and thus gain their knowledge at the expense of your children instead of at their own cost. A rule that only teachers of successful experience or satisfactory

training should be eligible to teachership in your schools would be of incalculable benefit in raising the standard of teaching in this city.

There is no doubt that the young ladies graduating from our high school would prepare themselves for the work before seeking employment as teachers were they made to understand that preference would at all times be given in the elections by your board, to such as had a normal training; this fact could be made more forcible by establishing a marked and material difference between the salaries of the trained and untrained, and requiring sufficient time for the unprepared one, if selected, to reach the maximum salary, and further requiring that an experience elsewhere should not take the place of such training, unless the candidate had been observed and examined at work by some one delegated by your board.

The claims and rights of fifteen hundred children admit of no comparison with the alleged claims of forty persons wishing to teach those children; the schools are established for the children not for the teachers, and rules and legislation should be directed in accordance with this self-evident truth. If it is considered the province of the city to train its own teachers rather than of those teachers to prepare themselves for their work, a training school should be established in connection with some one of your schools, under the guidance of an able principal, and your high school graduates could receive their training at the expense to them of their time only. The incompetent could be weeded out more readily; fewer girls would take up teaching as a temporary expedient or as a stepping stone to other employments.

During the year ending December 31, 1887, changes have occurred in the ranks of our teachers as follows:

Mr. James H. Willoughby resigned his position as prin-

cipal of the high school, to accept the principalship of the Nashua high school at an advanced salary.

Miss Louise H. Haynes declined a re-election as second assistant in the high school to accept a position as teacher in the William Penn Charter school of Philadelphia.

Miss Mabel C. Hartford, teacher of the second class, Hale school, resigned in February to enter the ranks of foreign missionaries. Miss Agnes B. Whitehead was transferred from the fourth class Varney school to the position made vacant by Miss Hartford's resignation; Miss Emma A. F. Currier, from the Upper Factory school, took Miss Whitehead's place, and Miss Carrie E. Colbath, who had not hitherto taught, was chosen to fill the vacancy thus created in the latter school.

At the close of the school year, Miss Mertie H. Emery of the Knox Marsh school, declined a re-election by reason of failing health, and Miss Fannie E. Robinson, of the Blackwater school, was chosen in her stead. Miss Edith A. Gowen, previously without experience, was elected to fill the vacancy.

Before the opening of the fall term, Miss Laura A. Hayes resigned charge of the fourth class Peirce school to accept a situation in Wellesley, Massachusetts. Miss Mary R. Wolcott was transferred from the Upper Neck school to the Peirce; Miss Fannie E. Robinson from the Knox Marsh to the Upper Neck; and Miss Idella R. Berry was chosen to the Knox Marsh school as a resultant of Miss Hayes's departure.

During the same vacation Miss Sadie A. Hooper gave up the Back River school and was succeeded by Miss Jennie F. Philbrick, heretofore without experience except as a temporary substitute.

Shortly after the opening of the fall term Miss Mary L.

Randall was compelled, by failing health, to ask a release from the third class Varney school; this being granted Miss Ella G. Libby was transferred from the Lower Neck school, Miss Carrie M. Meserve from the Long Hill to the Lower Neck, and Miss Alice M. Dudley was elected to fill the vacancy in the last mentioned school.

At the close of the last term Miss Maria O'Neil signified her intention to change her sphere of labors. The vacancy thus caused in the third and fourth classes of the Varney Grammar school was filled by the transfer of Miss Lizzie F. Drew of the first class Peirce Primary school, Miss Miriam Davis of the third class Peirce school being placed in charge of the first class, Miss Helen C. Varney of the Tole-end school being chosen in Miss Davis's stead, and Miss Henrietta B. Hanson being elected as teacher of the Tole-end school.

In February last, the Long Hill school was re-opened under the charge of Mr. James M. Hayes. After a few weeks' service Mr. Hayes resigned and Miss Caroline M. Meserve succeeded him.

In other respects than here indicated, the corps of teachers is the same as at the close of last year; in but two of the ungraded schools are the teachers the same as one year ago.

A few of the transfers mentioned above were promotions, that is to say, they gave to the teacher transferred additional pay or additional responsibility; others which gave neither, merely contributed to the disorganization of the schools or classes affected without adding to the strength of the aggregate teaching power of the force of instructors. In assigning teachers, the main consideration to be taken into account should be the peculiar fitness of the teacher for particular grades of work; her suitability for the position to be filled; not a mere notion that one class is "higher" or more honor-

able because it requires more advanced work. A transfer is not a promotion necessarily, and one of the worst things that can be done for your schools is to imbue your teachers with the idea that when transferred from the fourth class to the third or from the third to the second, they are "promoted." A faithful and successful teacher is entitled to a *real promotion* when the opportunity occurs, as thus only can the best work be attained. But the feeling of uneasiness begotten by the false idea of promotions existing in the minds of many of our younger teachers, is a positive injury to the schools and should not be encouraged. Many a teacher is successful in a class of small children, who would be a failure with larger ones. Many can teach a grammar school who could not stay a week in a primary class. Ability to do the desired work and suitability of temperament and character for it, should be the criterion in assigning teachers. This being true, there should be less difference in the compensation of the primary and grammar school teachers than now exists.

## LIST OF TEACHERS IN THE EMPLOY OF THE CITY, DECEMBER 31, 1887.

NAME.	SCHOOL.	CLASS.	GRADE.	RESIDENCE.
FRANK W. WHITNEY,	High,	Principal.	High.	73 Atkinson Street
NETTA SAWYER,	High,	1st Ass't.	"	158 Central Avenue
HARRIET P. POORE,	High,	2d Ass't.	"	41 Atkinson Street
ADA M. THOMPSON,	High,	3d Ass't.	"	158 Central Avenue
HATTIE J. THING,	High,	4th Ass't.	"	41 Atkinson Street
GEORGE H. DEMERITT,	High,	Military Science,		15 Belknap Street
FRANK H. PEASE,	Sawyer,	1st	Grammar,	577 Central Avenue
SARAH L. HALLAM,	Sawyer,	2d	"	40 Fourth Street
CARRIE S. HANSON,	Sawyer,	3d	"	28 Hanson Street
HELEN M. CLARK,	Sawyer,	4th	"	94 Portland Street
MARY S. PIPER.	Belknap,	1st	"	55 Silver Street
IDA B. HANSON,	Belknap,	2d	"	28 Hanson Street
MARY E. CARTLAND,	Belknap,	3d	"	151 Central Avenue
ALICE H. DAVIS,	Belknap,	4th	"	162 Central Avenue
LIZZIE F. DREW,	Varney,	1st and 2d	"	71 Portland Street
IDA M. CLEMENT,	Peirce,	3d and 4th	"	26 Mt. Vernon Street
MINNIE A. RICKER,	Sawyer,	1st	Primary.	42 First Street
CARRIE E. HAMMOND,	Sawyer,	2d	"	17 Rogers Street
CARRIE B. DREW.	Sawyer,	3d	"	31 First Street

HATTIE J. BICKFORD.	Sawyer,	4th	"	16 Mechanic Street
MIRIAM DAVIS,	Peirce,	1st and 2d	"	Sixth Street
HELEN C. VARNEY,	Peirce,	2d and 3d	"	43 Orchard Street
MARY R. WOLCOTT,	Peirce,	4th	"	290 Locust Street
ALETTA J. ROSS,	Varney,	1st and 2d	"	56 Atkinson Street
ELLA G. LIBBY,	Varney,	2d and 3d	"	4 Durell Street
EMMA A. F. CURRIER,	Varney,	4th	"	43 Hough Street
JULIETTE REYNOLDS.	Hale,	1st	"	45 Silver Street
AGNES B. WHITEHEAD,	Hale,	2d	"	58 Central Avenue
EMELINE B. THOMSON,	Hale,	3d	"	33 Silver Street
NELLIE P. WALLINGFORD,	Hale,	4th	"	43 Silver Street
ARABELLA L. ROBERTS,	Welch,	3d and 4th	"	Upper Neck
CARRIE E. COLBATH,	Upper Factory,		Ungraded.	111 Portland Street
SOPHIA A. LUTOLF,	Garrison Hill,		"	10 Forest Street
EDITH A. GOWEN,	Blackwater,		"	220 Washington Street
ALICE M. DUDLEY,	Long Hill,		"	67 Atkinson Street
HENRIETTA B. HANSON,	Tote-end,		"	662 Central Avenue
MARGARET M. BOWERS,	Littleworth,		"	70 Grove Street
IDELLA R. BERRY,	Knox Marsh,		"	59 Sixth Street
JENNIE F. PHILBRICK,	Back River		"	7 Snow's Avenue
CARRIE M. MESERVE,	Lower Neck,		"	14 Silver Street
FANNIE E. ROBINSON,	Upper Neck,		"	Orchard Street
ROBERT G. McMAHON,	Sherman,	Evening,	"	420 Central Avenue
ISABELLE C. TIBBETTS,	Sherman,	Evening,	"	Mt. Pleasant
MARY F. DUXBURY,			Music.	5 Union Street



## HIGH SCHOOL.

The high school has suffered its regular annual change of teachers. In September Mr. Willoughby was called away by a tempting offer to take charge of the Nashua high school at a much larger salary than he had received here. Miss Louise H. Haynes, the second assistant, also yielded to a similar temptation and transferred her services to the William Penn Charter school of Philadelphia.

Mr. Willoughby had been with us but one year. Miss Haynes, a native of this city, had served you for seven years, through all grades of schools, ungraded, primary, grammar, and high, having completed four years' service in the latter grade.

Mr. Frank W. Whitney and Miss Harriet P. Pcore were chosen to fill the positions thus made vacant. It is sufficient to say of them that the high standard of the school is fully sustained. But is it not time for the citizens of Dover to say, through their committee, that the highest efficiency of this school demands a greater permanence in the teaching force even if an increased expenditure of money is necessary to secure that end? The present first class of this school, during its four years' course, has been under the charge of four different principals, besides a temporary one for several weeks. Under these circumstances it is impossible that they should achieve the highest scholarship. Is not a good teacher worth as much to Dover as to Manchester or Fitchburg or Nashua? If so, cannot Dover afford to pay the market price?

*Military Drill*—Instruction in military drill has been continued during the past year. I have always believed this to be a valuable auxiliary to our work. I still believe it to be so, not merely for the physical and technical training, but for its moral effect in inculcating the military virtues of dis



cipline, exactness, prompt obedience, punctuality and regularity. I consider the second point as by no means the less argument for the existence of this part of the high school course of training. Its efficiency, however, has been somewhat lessened by the alleged necessity of omitting the drill on such days as the city hall is to be occupied in the evening. If this necessity is real the committee would do well to secure some hall as permanent quarters for an armory and drill room.

Public criticisms have been made upon the condition of the guns, and some citizens have complained to members of your board and to myself, that these equipments were not properly cared for during the vacation. That such criticism upon this department is unjust, is shown by the following resolution of the city councils, under which the guns were purchased. I do not understand that the guns thus purchased have ever been in the custody of the school committee.

*“Resolved, etc.,—That so much of the sum of two hundred and twenty-five dollars, as may be needed, is hereby appropriated from any money in the treasury not otherwise appropriated, for the purpose of purchasing sixty muskets for the boys of the high school, and that a joint special committee, consisting of one alderman and such as the common council may join, be appointed to purchase the same.*

*Said committee to place the muskets, after they have been purchased, in charge of the city messenger, who shall be held responsible for them and see that they are kept clean and free from rust.”—[Passed June 3, 1886.]*

*Laboratory*—The laboratory, so often urged upon your at-

tention, has not yet been built. The facilities for scientific teaching have been somewhat improved by the introduction of gas into the building and the purchase of additional apparatus. A laboratory is still urgently demanded by the necessities of the case.

*New Building*—These needed additions, a laboratory, an armory, a gymnasium, as well as the inconvenient location of the present high school building and its unsightly approaches and surroundings will all tend to force upon your attention the propriety of moving for the erection of a new building in the near future.

A suitable building should be erected nearer the center of population, which should embrace in its plan provision for all these necessities and improvements, and also furnish the much needed rooms for the school committee.

*Course of Study*—A new course of study for the high school went into operation in September, by which the order of studies is somewhat changed, and by which pupils are required to adhere more closely to lines of study once commenced. The work preparatory to college has been made to conform to the requirements of those colleges to which the most of our scholars go from the high school. The requirements in French and mathematics have been increased. The teachers of the school agree with me that the new course is a great improvement over the former one.

*Graduation*—Through the liberality of Hon. Hosea B. Perkins of New York City, a son of Dover, two prizes for excellence in elocution, were offered to the graduating class to be competed for at their graduation, June 24, 1887. The following programme was presented in the city hall upon that date :

## ORDER OF EXERCISES.

1. Song of welcome,..... { Words by C. H. Hersey  
  { Music by Mary F. Duxbury  
  By the School.
2. Greeting,..... { Words by Harry B. Goodwin  
  { Music by Mary F. Duxbury  
  By Class.
3. Salutatory and Essay—"Mysteries".....  
  Minnie P. Morrill.
4. Recitation—"Idea of a Poet's Power".....Taylor  
  \* Amy Folsom.
5. Declamation—"Sanctity of State Obligation"...Webster  
  \* Millard F. Sawyer.
6. Oration—"Influence of the Jesuits in North America"...  
  \* Alice E. Murphy.
7. Recitation—"The King of Denmark's Ride".....Norton  
  \* Ada M. Roan.
8. Oration—"Monopolies".....  
  \* Thomas J. O'Neil.
9. Solo—"The Windmill".....Tuckerman  
  Frederick H. Smart.
10. Recitation—"Jerry".....Dickinson  
  \* Sarah F. Durgin.
11. Recitation—"The Widow of Nain".....Willis  
  Ida L. Foote.
12. Declamation—"What is a Minority?".....Gough  
  William C. Swan.

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\*Competitors for the prizes offered by Hon. Hosea B. Petkins for excellence in oratory.

Committee of Award—Messrs. Daniel Hall, Joshua L. Foster and Christopher H. Wells.

13. Class Paper—"The Mosaic".....  
Carrie E. Varney.
14. Recitation—"On the Other Train".....  
\*Lottie R. O'Brien.
15. Oration—"Woman and the Ballot".....  
\*Grace F. Hill.
16. Declamation—"The Dandy Fifth".....Gassaway  
\*Herbert A. Carleton.
17. Oration—"Popular Clamor".....  
\*John H. Quint.
18. Declamation—"The Bells of Atri".....Longfellow  
†George P. Young.
19. Recitation—"The Old Clock on the Stairs"..Longfellow  
\*Mary Reed.
20. Recitation—"The Chariot Race"... ..Wallace  
\*Grace Hanson.
21. Declamation—"Toussaint L'Ouverture".....Phillips  
\*Roscoe E. Berry.
22. Recitation—"The Battle of Beal'an Duine".....Scott  
\*Lizzie E. Coleman.
23. Class History.....  
Carrie R. Sawyer.
24. Declamation—"The Present Age".....Channing  
\*Leon H. Goodwin.
25. Recitation—"Mary's Night Ride".....Cable  
\*Fannie C. Grant.

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\*Competitors for the prizes offered by Hon. Hosea B. Perkins for excellence in oratory.

†Excused.

26. Recitation—"Death Bridge of the Tay".....Carleton  
     \*Vazena Hughes.
27. Prophecies.....  
     \*Charles H. Hersey.
28. Oration with Valedictory—"The End but the Beginning"  
     \*Harry B. Goodwin.
29. Class Song..... { Words by C. H. Hersey  
                                   { Music by Mary F. Duxbury
30. Presentation of Diplomas.
31. Award of the Perkins Prizes.

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CLASS SONG, 1887.

BY CHARLES H. HERSEY.

The sun of our school life is setting,  
 See, it sinks low down in the west;  
 Slowly, so slowly withdrawing,  
 As if loth to go to its rest.

We mingle once more here together,  
 Like the clouds about the sun's face;  
 Cloudlike shall we part asunder,  
 Drifting widely from place to place.

In friendship and love let us sever  
 The ties that have bound us so long;  
 Make our farewells bright and cheerful,  
 Filled up both with music and song.

When out in the world we are battling,  
 Contending some place to attain;  
 Let us know well each advantage,  
 And but the good try to gain.

And as we are pushing and struggling,  
 Let not our remembrance then wane;  
 Oft let us look to this season,  
 Back to our companions again.

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\*Competitors for the prizes offered by Hon. Hosea B. Perkins for excellence in oratory.

The prizes were awarded, first to Grace F. Hill, and the second to Lottie R. O'Brien.

The graduates, twenty-six (26) in number, were as follows :

Roscoe Erwin Berry.	Alice Emily Murphy.
Herbert Augustus Carleton.	Minnie Pray Morrill.
Lizzie Etta Coleman.	Charlotte Rheba O'Brien.
Sarah Frances Durgin.	Thomas Jefferson O'Neil.
Amy Folsom.	John Hastings Quint.
Ida Lorena Foote.	Mary Reed.
Harry Beal Goodwin.	Ada Maud Roan.
Leon Hazen Goodwin.	Carrie Rose Sawyer.
Fannie Colgate Grant.	Millard Fillmore Sawyer.
Grace Hanson.	Frederick Hamlin Smart.
Charles Henry Hersey.	William Clark Swan.
Grace Florence Hill.	Carrie Edna Varney.
Vazena Hughes.	George Pierce Young.

Pupils were admitted to the high school upon certificates of having finished the course in the grammar school, as follows :

FROM THE BELKNAP GRAMMAR SCHOOL.

Jennie Alta Faxon.	George Franklin Faxon.
Alice Irena Folsom.	Elmer Locke Foss.
Annie Bertha Goodwin.	Levi Freeman Felker.
Maria Bangs Goodwin.	George Everett Frye.
Cora Augusta Libbey.	Samuel Herbert Maxwell.
Eva Lillian Rand.	George Peirce Norton.
Alice May Simes.	Arthur George Patterson.
Helen Johnston Sloan.	George Edward Pierce.
Jane Johnson Sloan.	George Franklin Richards.
Mary Eliza Sloper.	Burton True Scales.

Alice Josephine Varney.	John Alexander Scott.
Albert Edward Bonser.	Jeremy Stickney Towle.
Fred Oliver Coleman.	John Hurd Twombly.
John William Davy.	Harry Franklin Vickery.
John William Elliott.	Frank Herbert Welch.

## FROM THE SAWYER GRAMMAR SCHOOL.

Una Mazella Berry.	Rosa Dorcas Tibbetts.
Maggie Lulu Edgerly.	Edith Alice True.
Ada Bennett Gage.	Mary Eliza Varney.
Ruby Diadama George.	Frank Ford Davis.
Maybelle Varney Hall.	Allen Edward Doucette.
Grace Augusta Ham.	John Harry Foye.
Hittie Florence Ham.	Fred LeRoy Hall.
Florence Estelle Hammond.	William Fearing Hersey.
Grace Belle Hanson.	Frank Louis Horlor.
Ella May Harriman.	William Arthur Judge.
Grace Bickford Henderson.	James Littlefield.
Grace Mabel Leighton.	James Willis Lockwood.
Esther Frances Merrill.	Charles Petrie Marshall.
Marcia Maroy Nason.	John Edward Richardson.
Maud Agnes Perkins.	Charles Henry Sawyer.
Kate Marian Redfield.	Charles Herbert Shapleigh.
Mary Rollins.	Charles Leonard Twombly.
Mattie Jane Spurlin.	

Of this number forty-four presented themselves as pupils in September.

The school at the present date numbers one hundred and twenty-eight.

The number of pupils of the high school attending to the various branches of study during the year ending June, 1887, is here shown :

Reading.....	133
Spelling.....	133
Arithmetic.....	61
English Grammar.....	36
English Literature.....	43
Rhetoric.....	27
History.....	53
Music.....	133
Physiology.....	28
Algebra.....	40
Physics.....	29
Astronomy.....	10
Botany.....	9
Physical Geography.....	21
Latin.....	75
French.....	27
Greek.....	12
Composition.....	133
Book-keeping.....	12
Geometry.....	20
Chemistry.....	21

#### EVENING SCHOOL.

An evening school in a manufacturing city should have an important educational bearing. From the circumstances of its pupils, busy through the day, often wearied with fatiguing labor; from its short terms, lasting less than half the year; from the brief sessions, but two hours daily; this school requires the utmost care in its management. If "*the teacher makes the school*" is a truism as applied to the day schools, when applied to an evening school it is doubly true.

With no truant laws, with no power to enforce regularity of attendance, the evening school is absolutely dependent



upon the good-will of its pupils. When their interest flags or their ambition ceases, the school becomes depleted and fails for lack of material to work upon. With these truths confronting us, this school has a right to claim the best talent that can be secured in its teaching force. The evening school is not established for children of school age, but for adults, and encouragement should be given to that class of our population who desire to improve their condition, by furnishing a convenient central location, the best available teaching force, and a sufficient number of instructors to allow one to every fifteen pupils as a maximum. In this way the school will become a valuable factor in our education, and it never will become such a factor till these points are considered and their truth recognized. That the evening school problem is a perplexing one, is proven by the attention devoted to it in many of the annual school reports of New England.

I quote the following from the report of Superintendent A. F. Pease of Pawtucket, R. I., just issued :

“Various expedients have been adopted in other places to secure better attendance. In Newport, ‘an admission fee of twenty-five cents was charged each scholar, in reality as a pledge of studious intentions, though nominally for the use of books and other materials which were furnished by the school department.’ (Report of 1884-5, p. 42.) In Worcester ‘every pupil, on receiving his ticket of admission, is required to make a deposit of \$1.00 as a guarantee of good faith on his part.’ ‘At the close of the term, or sooner if it becomes necessary for him to withdraw, the money is refunded,’ (Report of 1884, p. 32,) provided his attendance and deportment have been satisfactory; otherwise the money is forfeited and added to the school fund. In a recent report, (1885, p. 31,) after a trial of two or three years, the

superintendent says, 'The plan of requiring a deposit of one dollar for admission, as a guarantee of constant attendance and attention to duty, vindicates itself anew with each succeeding year.' There is said to be a plan somewhat similar in the city of Lawrence. In Cambridge and Lynn tickets of admission to the evening schools are issued, signed by the committee on evening schools or the superintendent of schools, which are forfeited by an absence of four sessions out of ten, or by misconduct. In Cambridge, 'applications for tickets for persons under eighteen years of age must be made by the parent or guardian.' (Report of 1884, p. 16.) In the city of Malden, every applicant was required to sign the following:—'As a condition of admission to the Malden evening school, I hereby promise to attend its sessions regularly and punctually, unless prevented by circumstances beyond my control. And I fully understand that any violation of this pledge will sever my connection with the school.' (Report of 1886, p. 16.)

All of the above plans are said to have produced good results in the places where they have been tried, and the adoption of one of them, or of some better plan if it can be devised, is respectfully recommended.

In some cities, as Boston, Lynn, and others, some of the teachers were selected from the day school teachers, 'as it was indispensable that they should be trained and experienced.' (Lynn report of 1884.)

In those cities where evening schools have achieved the most signal results, their success has seemed to be due (1.) To the admission of only those scholars who understand their purpose and agree to work diligently. (2.) To some requirement of regular and punctual attendance. (3.) To the selection of those teachers who have an intelligent knowledge of the needs of the pupils and how to meet

those needs promptly and without mistake. (4.) To such a classification as will present the most favorable conditions for progress."

The evening school for the current year has been conducted in the Sherman school-house with attendance as follows :

The spring term opened Thursday, February 3, and closed April 15. The fall term continued from October 17 to December 23.

	Spring.	Fall.
Whole number of pupils.....	58	89
Males.....	36	48
Females.....	22	41
Average attendance : 1st week.....	26.8	58
2d    "   .....	31.6	58.6
3d    "   .....	28	40.6
4th   "   .....	26.6	35
5th   "   .....	29	30.4
6th   "   .....	25	40.5
7th   "   .....	24.6	40
8th   "   .....	14.2	42.4
9th   "   .....	22.8	42.6
10th  "   .....	17.2	35.4
Average for the term.....	25	42.2
Age of oldest.....	26 years.	38 years.
Age of youngest.....	14 years.	14 years.
Between 14 and 20 years.....	50	76
Between 20 and 30 years .....	8	12
Over 30 years.....		1

I have reliable information leading me to believe that an evening school in the southern part of the compact portion of the city would be well attended. I therefore recommend that such a school be opened, as soon as possible, to accommodate the people in that section, experimentally, its continuance being conditional upon the attendance of the necessary number of pupils; and I suggest the ward-room of Ward 4 as a convenient and suitable location for such a school. My experience in the management of these schools leads me to advise that sessions be held four evenings per week instead of five as heretofore. The allowance of one evening in the middle of the week for social recreations will tend to promote greater regularity of attendance.

The winter months being the proper season for evening schools, action should be taken that long vacations at this season may be avoided from the uncertainty of the appropriation.

#### VISITING DAYS.

The practice has been continued of designating one day for each school during every term, a *public day* upon which parents and other interested citizens have a special invitation to visit the school. Opinions differ as to the merits of this plan; and I consider it a matter of sufficient moment to justify a few words at this time.

The visiting day is not intended to prevent or to discourage visiting at other times; on the contrary it is believed that the interest created in this very way leads to many of the calls on other occasions; that the acquaintance between parent and teacher thus brought about, leads to more frequent visits, a more extended acquaintance, and a closer relationship which redounds to the advantage of all parties concerned. That this has been the result, I have no

doubt. Many a case of friction has arisen in administering the discipline of our schools that would have been impossible had an acquaintance existed between the head of the family and the teacher, other than through the medium of a mischievous or malicious boy. It is the duty of parents to know the character of the teacher and the methods of instruction in the school-room, from personal observation, and to give the teachers their cordial co-operation.

Aside from the promotion of cordial relations between these parties, the visiting days bear an important part in a child's training. It is a legitimate part of that training to assist a child to appear well, to act naturally, and to avoid confusion and embarrassment in the presence of strangers. Those schools that have but few callers are almost invariably thrown into disorder upon the advent of a stranger; the pupils are easily embarrassed and the reputation of the teacher suffers.

With rare exceptions, no exercises are introduced upon these days but those that form a part of the work required by the course of study.

#### SCHOOL HYGIENE.

*Contagious Diseases*—The law of the state, re-inforced by your rule, effectually protects us against the spread of small-pox. The city physician vaccinates all school children at the city's expense when desired. During the current year he has vaccinated one hundred and forty-two cases. It is noteworthy that since this practice has been in vogue, the opposition to vaccination has practically ceased. It is also worthy of mention that the law is ignored in many towns of the state, as is evidenced by the fact that a large majority of the children coming to this city from the smaller towns are non-vaccinated, although they may have attended school in such towns for years.

In my judgment, your rules for the guidance of teachers and superintendent, should contain some provision for the exclusion from school of pupils who have been exposed to such diseases as scarlet fever and diphtheria. I have always taken the responsibility of prohibiting the attendance of all members of a family where these diseases have existed. Many people have looked upon this as an arbitrary assumption of power.

I suggest the propriety of a rule definitely fixing the reasons and diseases which should warrant a prohibition of school attendance, the extent of its applicability, and the duration of its enforcement. A definite requirement would place the responsibility where it belongs and would prevent many cases of misunderstanding.

Section 3, chapter 112 of the general laws, as amended by the legislature of 1887, reads: "It shall be the duty of every physician who attends upon any person infected with the small-pox, the malignant cholera, diphtheria, scarlet fever, or other malignant pestilential diseases, to immediately report the same to the health officers or the selectmen of the town; and if any physician shall neglect so to do he shall forfeit the sum of one hundred dollars, to be recovered by such health officers or selectmen in the name of the town."

If this requirement were re-enforced by one calling for immediate information to the school authorities, the danger from these diseases would be reduced.

The following from a recent circular issued by the State Board of Health is important in this connection:

"The following regulations issued by this board May 8, 1886, to local boards, have the force of law:

"By virtue of the authority vested in the State Board of Health by section 2 of chapter 14, pamphlet laws, 1885, it is hereby ordered that, in the rules and regulations adopted

by any town or city board within the limits of the State of New Hampshire, the following shall be inserted and included, and that no rule or regulation which will in anyway impair the meaning or force of the same shall be adopted by any town or city :

‘1. No public funeral shall be held in any instance where the deceased died of small-pox, scarlet fever, or diphtheria.

‘2. No pupil shall attend any school, public or private, from a house or family where there exists a case of scarlet fever or diphtheria, unless such case or cases are thoroughly isolated from the said pupil, and then only upon the certificate of a physician, certifying to the fact that such isolation is secured, and that in his judgment no liability to spread the disease will follow.

‘3. No person who has had scarlet fever or diphtheria shall attend any school or other public gathering until three weeks after convalescence has been established, except upon the certificate of a reputable physician.’ ”

*Light*—Unless the best school architects and oculists of the present day are at fault, there is not a school-room in the entire city which is properly lighted and but very few whose methods are tolerable. Most of the rooms admit light upon three sides and several of them even upon four. It is universally admitted that no student should face a bright light; yet in the building most recently erected, my first care was to have the blinds of the front of the building closed and securely fastened to prevent the constant glare of light in the eyes of the pupils. People are constantly complaining of the increase of near-sightedness and other difficulties of vision and as constantly erecting school buildings whose architecture has a direct tendency to cause these troubles.

Dr. D. F. Lincoln in his “Lomb Prize Essay on School Hygiene,” says: “In school work we should require light



coming from the left hand, or left and rear." "The upper part of the window should be placed within six inches of the ceiling. This greatly improves the illumination of the ceiling which is itself an important light-giver."

To supply a surface of window glass equalling from 1-6 to 1-4 of the floor area, and this is the rule usually laid down, demands that the side of the room at the left of the scholars should be as full of windows as possible. The admission of light from one side only, also gives opportunity for sufficient black-board room without placing the boards between the windows, a practice to be avoided when possible, but which cannot be avoided in any of our buildings.

The sliding blind nuisance has been abated in three rooms of the Sawyer school and two rooms of the Hale school, by the substitution of folding blinds. This change has proved so satisfactory and beneficial that it is to be hoped that work on the same line will be continued *early* in the coming year.

*Ventilation*—As long as men in positions of responsibility claim that there is no need of changing the air of a school-room during the *few hours* that the children are confined to it, it is hardly to be expected that much can be effected in this direction. I make the assertion deliberately, that there is not a school-room in this city properly ventilated. Some attempts have been made during recent years to remedy this defect in our buildings, but they have been only partially successful either from lack of funds or a failure on the part of the executors of the plan to understand the scope of it. For instance, in the Hale building an excellent plan was copied from Mr. Briggs's admirable pamphlet on ventilation; this failed because it was not fully carried out, the furnaces not furnishing radiating surface sufficient to warm the desired amount of incoming air.

In the high school-house the air tubes within the steam



pipes of the radiator would probably furnish a sufficient amount of air, if the outlets were capable of removing the vitiated air.

But little attempt was made by the builders of the houses for the ungraded schools, to provide for any change of air.

I have before called your attention to the ventilating stove, a device by which fresh air is conducted to a chamber about the stove enclosed by a metallic jacket and thus admitted warmed to the school-room; I believe that this method could be applied to our rural schools with great advantage. This plan was urged upon the building committee during the construction of the Lower Neck house but without effect.

*Closets*—The closets and out-buildings are many of them a blot upon civilization. I invite the special attention of the health committee of this board to this department.

*Water*—A well has been dug this fall in the yard of the Upper Neck school, furnishing a copious supply of excellent water. At no other of the ungraded schools has any attempt ever been made to furnish a water supply. At the Welch school, composed entirely of children of the two youngest classes, there is no water and no means of getting any except by bringing it a great distance, and the children are too small to expect this of them.

*Gymnastics*—Free gymnastics are practiced in all our schools every session. Says Dr. Lincoln, before quoted, "In this single measure the entire list of evils called 'school maladies' is attacked by giving increased force to the entire physical system." "Light gymnastics, comprising movements of the arms, are to be practiced daily, more for the benefit of the change and for stimulating circulation than for development of body. \* \* \* The aim of these free

exercises is to call into action in turn the greater part of the voluntary muscles of the body; and with an intelligent, earnest teacher to direct them, there is no end to the modifications and the combinations that can be made, calling for precision, and strict attention, and skill on the part of pupils."

#### COURSE OF STUDY.

*Drawing*—Your attention was invited in the annual report of one year ago to the subject of drawing. As the matter is now in the hands of a sub-committee, discussion of it at this time is unnecessary.

*Physiology*—It will be seen by the following act passed at the recent session of the legislature that a change has been made in the requirements in this branch:

AN ACT in amendment of Section 3 of Chapter 37 of the Laws of 1885, amending Chapter 89 of the General Laws, relating to school committees and teachers.

Be it enacted by the senate and house of representatives in general court convened:

SECTION 1. Section 3 of chapter 37 of the Laws of 1885, amending chapter 89 of the General Laws, relating to school committees and teachers, is amended by striking out the words "schools sufficiently advanced," after the word "in" in the eighth line thereof, and inserting the words, "mixed schools and in all graded schools above the primary grades," so that said section shall read as follows: "The school committee may prescribe suitable rules and regulations for the attendance on, management, studies, classification, and discipline of the schools whenever they deem the same necessary; *provided* that physiology and hygiene, including special reference to the effects of alcoholic stimulants and narcotics upon the human system shall be prescribed in all mixed schools and in all graded schools above the primary

grade ; and said regulations and rules being recorded by the town clerk, and a copy thereof given to the teacher in the schools, shall be binding upon scholars and teachers.

SECTION 2. All acts and parts of acts inconsistent with this act are hereby repealed, and this act shall take effect upon its passage. [Approved September 23, 1887.]

Some action by your board will be necessary for the observance of this law.

#### EMPLOYMENT LAWS.

Certificates allowing employment in manufacturing establishments have been granted during the year to all entitled to them, upon application.

There are now *legally* employed in the various establishments of this kind in the city, children under sixteen years of age to the number of twenty-eight, divided as follows :

Cotton mills.....	4
Print Works.....	15
Sawyer woolen mills.....	6
Shoe shops.....	2
Machine shops.....	1

The following from the "ten-hour bill" raised the legal age at which children may be employed, to thirteen years :

AN ACT to regulate the hours of labor and the employment of women and children in manufacturing and mechanical establishments.

Be it enacted by the senate and house of representatives in general court convened :

SECTION 4. No child under thirteen years of age shall be employed in any manufacturing or mechanical establishment in this state. Whoever, either for himself, or as superintendent, overseer, or agent of another, employs or has in his

employment any child in violation of the provision of this section, and every parent or guardian who permits any child to be so employed, shall be punished by a fine of not less than twenty-five nor more than fifty dollars.

SECTION 5. All acts inconsistent with the provisions of this act are hereby repealed, and this act shall take effect and be in force from and after September 20, 1887.

[Approved August 18, 1887.]

It is probable that this law will be as strictly observed by the employers of children as those previously enacted upon this subject.

#### ROLL OF HONOR.

The pupils here named had a record of perfect attendance and punctuality during the year ending June 30, 1887:

##### *High School.*

Sarah H. Davis.	Ina J. Sanders.
Nettie G. Foye.	Ella M. Willand.
Julia A. Grant.	Anna M. Wiswall.
Nellie F. Grant.	Elmer A. Brown.
Agnes C. Hamilton.	Oliver D. Coleman.
Natalie Hanson.	Elliot H. Dexter.
Jennie M. Heald.	Charles E. Parkhurst.
Vienna L. Hill.	Ezra O. Pinkham.
Lillian M. Kidder.	Alfred Porter.
Annie M. Noyes.	Samuel B. Shackford.
Angie G. Osborne.	Harry T. Stirling.
Mary E. Pinkham.	Edward M. Swan.

##### *Grammar Schools.*

##### Sawyer—First Class.

Frank L. Horlor.	Grace M. Leighton.
Charles P. Marshall.	Maud Perkins.
Charles H. Shapleigh	Rosa Tibbetts.
Lulu M. Edgerly.	Marcia M. Nason.

## Sawyer—Second Class.

Edward Butterfield.	Grace Morrison.
Fred G. Gage.	Hattie Shaw.
Bernice A. Drew.	Maud D. Wallingford.
Mary A. Foss.	

## Sawyer—Third Class.

Edmund Horne.	Robert J. Sisk.
Harry Dore.	

## Sawyer—Fourth Class.

John F. Blanchard.

## Peirce.

Lura B. Perkins.	Eugenia G. Ransom.
Maggie B. Hamilton.	

## Belknap—First Class.

George Frye.	John Twombly.
Elmer Foss.	Frank Welch.
George Norton.	Maria B. Goodwin.
John Scott.	Eva Rand.
Burton Scales.	

## Belknap—Second Class.

Nelson Edgerly.	Mary Pray.
Charles King.	Kate Reynolds.
William Stevens.	Martha Shackford.
Ralph Varney.	Lola Trickey.
Charles Vickery.	Mary Wood.
Delia Durgin.	Edith Whitehouse.
Jennie Duxbury.	Florence Wingate.
Mary Jorde.	

## Belknap—Third Class.

Albert F. Abbott.	Cassius B. Roberts.
Harold W. Brown.	Edith P. Howes.
Fred L. Carleton.	Anna C. Marshall.
Wilbur W. Corson.	Margaret E. Neal.
Arthur C. Folsom.	Margaret A. Sands.
Harry E. Hanson.	

## Belknap—Fourth Class.

Cushman Abbott.	Eugene A. Demeritt.
Percy Barrowclough.	Oscar J. Leavitt.

## Varney.

Clara E. Jones.	Eva Sloper.
Minnie Steuerwald.	

*Primary Schools.*

## Sawyer—First Class.

Warren C. Clough.	Albert Mitchell.
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## Sawyer—Third Class.

Willie Garside.

## Sawyer—Fourth Class.

Fred Marsh.

## Peirce—First Class.

Isabella Marshall.	Sarah Hamilton.
Carrie Mudge.	

## Peirce—Fourth Class.

Hugh Marshall.

## Varney—First and Second Classes.

Frank Langley.	Mabel Longfellow.
Abbie Laskey.	Mary Craig.

## Varney—Third Class.

George L. Longfellow.	Matthew Craig.
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## Hale—First Class.

Frank C. Brown.	Walter A. Foss.
Will S. Carleton.	Walter Ogden.

## Hale—Second Class.

George Gray.	Abbie Applebee.
Ruth Gray.	Edith Demeritt.

## Hale—Fourth Class.

Grace Neal.

Welch.

Edith Corson.	Flora Bell Ogden.
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*Ungraded Schools.*

Upper Factory.

Fannie L. Sterling.

Garrison Hill.

Cora Bell Gage.

Blackwater.

Charles Corson.

Lower Neck.

Ida M. Pinkham.

## SCHOOL ACCOMMODATIONS.

Parallel classes have been kept as nearly equal as the unequal distribution of children in the different parts of the city would allow. Equality of numbers in the different schools and convenience of pupils have not in all cases, been possible at the same time, by reason of the unequal growth of different sections of the city. More room for the primary schools will probably be needed soon; the Peirce primary school has been crowded to its utmost capacity during a large part of the year; the upper classes of the Hale school are constantly full to overflowing. The third and fourth classes of this school were relieved by the opening of the Welch school; the first and second need similar relief. The growth of the city in the vicinity of both these schools will force upon your attention the matter of additional room in the near future.

## NO SESSION SIGNAL.

The electric fire-alarm bells have proved of great value to this department in announcing "no school" on stormy days. The signal 22—22—22—22, struck at 7.45 o'clock signifies that the forenoon session is to be omitted; struck at 1.05 o'clock, the same signal, announces the omission of the afternoon session. This is a great convenience to teachers, to pupils, and to parents.

## CONCLUSION.

In closing I wish to acknowledge the cheerful co-operation of the teachers generally and their prompt acquiescence in and support of all measures proposed by me; and to express my appreciation of the many marks of confidence given me by the members of your board.

Respectfully,

CHANNING FOLSOM,

Superintendent of Schools.



## APPENDIX,

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DOVER HIGH SCHOOL, 1887.

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### COURSE OF STUDY.

FIRST YEAR, FOURTH CLASS.

#### *Latin.*

Latin Grammar, Jones's first lessons.

Begin Cæsar, middle of third term.

Translate English into Latin, orally and in writing.

Special attention to etymology and syntax.

#### *Mathematics.*

Algebra, three terms.

#### *History.*

Greek, Roman.

#### *Science.*

Physiology, one-half year.

Physical geography, one-half year.

#### *English.*

First term—English grammar, with text books, to include parsing and analysis. Four recitations a week. Reading, from advanced reader, and spelling from advanced speller, one recitation a week.

Second term—English grammar, with text books, continued, with written exercises to teach punctuation, use of capitals, possessives, plurals, and plural forms; four recitations a week. Reading from advanced reader, and written spelling once a week.

Third term—English grammar with parsing from difficult authors, and with written exercises to teach forms of letters, business communications, bills and receipts; four recitations a week. Reading, from works like Scott's "Lady of the Lake," or "Marmion," with spelling once a week.

#### SECOND YEAR, THIRD CLASS.

##### *Latin.*

Grammar continued.

Cæsar's Gallic war books 1-4.

Reading at sight of easy passages. English into Latin, orally, and in writing.

Special attention to grammar work.

##### *Greek.*

Grammar and reader.

Translate English into Greek orally and in writing.

Special attention to Etymology and Syntax.

##### *French.*

Keetels' Grammar.

Sauveur's Causeries, avec mes Eleves.

Six of La Fontaine's fables.

Roulier's prose composition.

##### *Mathematics.*

Algebra or book-keeping, one term.

Geometry, two terms.

##### *Science.*

Physics, three terms.

First term—Dictation exercises to familiarize class with common forms of language and rapid writing, paraphrases, oral and written, of choice passages of poetry into prose; four recitations a week. Reading and spelling from poetical works, as Scott's, Wordsworth's, Longfellow's, etc., once a week.

Second term—Rhetoric, following text books closely; two recitations a week. Dictation exercises, same as first term, but more advanced; two recitations a week. Reading and spelling same as first term; once a week.

Third term—Rhetoric continued, with reference to figurative language, style, etc., requiring pupils to read selections from standard authors, and write abstracts of same for the class; four recitations a week. Reading from English history, of the age of Elizabeth and immediately following; once a week.

#### THIRD YEAR, SECOND CLASS.

##### *Latin.*

Latin prose composition, *Æneid*, books 1-4.

Two orations against Catiline.

Grammar—Prosody reading at sight.

##### *Greek.*

Xenophon's *Anabasis*, 1-4, reading at sight.

Greek prose composition.

Attend specially to forms and constructions.

##### *French.*

Keetels' grammar, Hennequin's *Idiomatic French*, *Contes Merveilleux*, *History of France*, Zevort.

##### *Mathematics.*

Geometry, one term.

Arithmetic, two terms.

*History.*

English history, three terms.

*Science.*

Chemistry, three terms.

First term—History of the English language, embracing the Anglo-Saxon, Danish, Norman, and early English periods, say to the age of Wickliffe, 1380; three recitations a week. Composition, in simplest form, one recitation a week. Reading from English history, say from James I to Revolution of 1688, one recitation a week.

Second term—History of English language from A. D. 1380 to close of Elizabeth's reign, 1603; three recitations a week. Composition on familiar subjects; one recitation a week. Reading from English history from 1688 to close of eighteenth century; one recitation a week.

Third term—History of English language from 1603 to present time; three recitations a week. Composition, or translations of poetry into prose, to be rhetorically as well as grammatically considered. Dictation exercises, such as writing short sentences or paragraphs from memory; once a week. Reading from English authors, prose or poetry, of present time, once a week.

## FOURTH YEAR, FIRST CLASS.

*Latin.*

Cicero, five orations.

Virgil, books 5 and 6 of the *Æneid*; the *Georgics* or the *Bucolics* and books 1 and 2 of the *Georgics*, Review *Æneid*.

Reading at sight, Latin prose composition completed.

Grammar reviewed.

*Greek.*

Homer's *Iliad*, books 1-3.

Greek prose composition completed.

Grammar thoroughly reviewed.

*French.*

Sauveur's grammar.

Two classic plays, Moliere's or Racine's.

Two modern plays.

Professor Cohn's lectures.

Special attention to formation and use of French verbs, composition, and conversation.

*Mathematics.*

Algebra, one term.

Geometry, one term.

*History.*

United States history, one-half year.

Geography, one-half year.

*Science.*

Astronomy, one-half year.

Botany, one-half year.

First term—Study of early English authors, with reference to thought, style, rhetoric, etc., three recitations a week. Dictation exercises, writing short sentences, as dictated, of five or eight minutes time, designed to teach rapid, but correct writing and spelling, once a week. Reading from American prose authors, one recitation a week.

Second term—Study of the late English authors, including Shakspeare's age and plays, three recitations a week. Dictation exercises continued, one recitation a week. Reading from American poets, one recitation a week.

Third term—English grammar and analysis reviewed, twice a week. Compositions in common epistolary and business forms, twice a week. Reading from dramatic authors, as selected by the teacher, once a week.

## COURSE OF STUDY IN THE HIGH SCHOOL.

Pupils (with approval of parents) will at the beginning of the course, select three or more lines of studies, requiring thirteen to sixteen recitations per week, (mathematics to the end of the third year being a required line) and this shall constitute the course of study for the pupil; provided, however, that pupils preparing for college shall be required to take only such studies as are necessary in such preparation, and may take additional studies only with the consent of the principal. A pupil having selected a line of study, will not be allowed to discontinue it except at the end of a school year. The completion of the course of study for four years will entitle the pupil to a diploma of graduation, provided the pupil has taken continuously either French, Latin, Greek or the higher mathematics as part of the course, and provided that the pupil (other than those preparing for college) shall have taken continuously studies amounting to not less than twelve recitations per week or that average for the entire course and not otherwise. The committee on the high school may make special arrangements with any pupil whose needs require further variation in the above course. Pupils completing a two years' course, and leaving the school, will receive a certificate thereof.

Declarations and compositions throughout the course, with system and regularity. Military drill (for the boys) twice a week throughout the course.

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 SCHOOL COMMITTEE, 1888.

(Chosen by the People.)

Ward 1 :	<i>Term Expires.</i>
Alonzo T. Pinkham.....	January, 1889
Fred E. Quimby.....	“ 1890

## Ward 2 :

Alonzo H. Quint.....	January, 1889
Thomas B. Garland.....	“ 1890

## Ward 3 :

Charles A. Fairbanks.....	January, 1889
William H. Vickery.....	“ 1890

## Ward 4 :

Charles A. Tufts.....	January, 1889
Henry E. Perry.....	“ 1890

## Ward 5 :

John J. Shea.....	January, 1889
John Killoren.....	“ 1890

(Chosen by the City Councils.)

## Ward 1 :

Nathaniel Horn.....	January, 1889
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## Ward 2 :

Elmer M. Wentworth.....	“ 1890
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## Ward 3 :

John T. Welch.....	“ 1889
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## Ward 4 :

Thaddeus P. Cressey.....	“ 1890
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## Ward 5 :

John F. Gorman.....	“ 1889
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*Chairman.*

THADDEUS P. CRESSEY,  
150 Central avenue.

*Secretary.*

CHARLES A. FAIRBANKS,  
360 Central avenue.

*Superintendent of Schools.*

CHANNING FOLSOM,  
Residence, 133 Locust street. Office, Bracewell building.  
Office hours, 8 to 8.30 A. M. and 11.45 A. M. to 12.30 P. M.

*Treasurer.*

ISAAC F. ABBOTT  
Dover National Bank.

*Janitors.*

HORACE EMERSON,  
Broadway, for the north side.

GEORGE H. PATTERSON,  
22 Atkinson street, for the south side.

*Truant Officer.*

JAMES FOGERTY,  
Locust street.

*Sub-Committees.*

Qualification of teachers—Cressey, (ex-officio), Tufts, Pinkham, Vickery, Killoren, Wentworth.

Finance and Claims—Welch, (chairman). Gorman, Pinkham, Wentworth, Perry.

Health—Fairbanks, (chairman), Horn, Wentworth, Tufts, Killoren.

Text-books—Garland, (chairman). Quint, Quimby, Tufts, Killoren.



Music and Drawing—Tufts, (chairman), Quimby, Wentworth, Shea, Fairbanks.

High School—Cressey, (ex-officio), Vickery, Garland, Quint, Fairbanks, Killoren.

Grammar Schools—Vickery, (chairman), Perry, Welch, Quimby, Shea.

Primary Schools—Garland, (chairman), Pinkham, Gorman, Welch, Cressey.

Ungraded Schools—Horn, (chairman), Perry, Quint, Shea, Pinkham.

Evening Schools—Quimby, (chairman), Perry, Gorman, Vickery, Horn.

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Annual Meeting—The second Wednesday in January, at 11 o'clock A. M.

Stated Meetings—The second Thursday in each month, at half-past seven o'clock P. M.

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#### CALENDAR FOR 1887-8.

Fall term of fourteen weeks began September 12 and closed December 16.

Winter term of twelve weeks for the high school, eleven weeks for all others, begins January 2, 1888.

Spring term of twelve weeks for the high school, eleven weeks for the grammar schools, and ten weeks for all others, begins April 9, 1888.

# DOVER PUBLIC LIBRARY

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## OFFICERS FOR THE YEAR 1887.

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### *Trustees.*

George G. Lowell, ex-officio, Mayor of the city.

Charles A. Davis, ex-officio, President of the Common Council.

	Expiration of term.
†Martin S. Hutchings.....	1887
John T. Welch.....	1888
John B. Stevens, Jr.....	1889
Josuha L. Foster.....	1890
Thomas B. Garland.....	1891
John C. Caverly.....	1892
John Holland.....	1893

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### *President of the Board.*

THE MAYOR.

### *Secretary,*

JOHN C. CAVERLY.

### *Treasurer,*

ISAAC F. ABBOTT.

### *Librarian,*

CAROLINE H. GARLAND.

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†Re-elected first Thursday of October, 1887, for term of seven years.

*Committees.*

Library—John T. Welch, Thomas B. Garland, Martin S. Hutchings.

Building and Appurtenances—John C. Caverly, John Holland, Joshua L. Foster.

Accounts and Finance—George G. Lowell, John B. Stevens, Jr., Charles A. Davis.

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**TRUSTEE'S REPORT.**

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To the City Councils of the City of Dover :

Gentlemen :—In submitting our annual report we are glad to say that during the year past the Dover Public Library has taken no backward steps, but has settled into and is filling its proper place to the great satisfaction of the general public. One year ago we appealed to you for a larger allowance, made necessary by the rapid increase of the library. To this appeal you generously responded and we believe today, that as a result, we can safely say that the library stands on a firmer foundation, not only in that we are able to manage it more easily and satisfactorily to ourselves, but are much better able to respond to public needs and demands.

It is found in the management of public libraries generally that after the first year, the circulation will gradually decrease for a few years, and then remain substantially the same for a time, and then commence to increase or not, according to whether the place in which the library is situated, is increasing in population.

We believe that this library has reached its period of low circulation and has assumed a place of usefulness, and

taken a place as an educator among us, which it will never be allowed to abandon.

Although there has been a slight decrease in the general circulation, from information in relation to the character of books taken out, we believe this decrease to have been much more than offset by the better class of books called for; books of history, travel, and even scientific works being largely called for, where formerly nothing but fiction was taken.

By the addition of an assistant, we have endeavored to advance the usefulness of the reading and reference rooms, and feel that we have obtained most gratifying results.

Bespeaking from you the same liberal support which we have received in the past, we submit the following tables showing better than we can state, the amount of work accomplished for the year.

## FINANCIAL STATEMENT.

### TREASURER'S RECEIPTS.

Appropriation.....	\$3300 00
Sale of old carpet.....	11 82
Librarian.....	101 14
Received from leavings in old rooms.....	67 40
	\$3,480 36

### EXPENDITURES.

Fuel.....	\$183 95
Binding.....	190 15
Salaries.....	1100 00
Books.....	1233 48
Printing and stationery.....	70 50

Miscellaneous.....	63 28
Rent.....	400 00
Insurance.....	80 00
Gas.....	159 00
	<hr/>
	\$3,480 36

## LIBRARIAN'S ACCOUNT.

Cash on hand June 1, 1887.....	\$3 17
Received from fines.....	141 25
"    from sale of catalogues.....	6 40
"    from sale of bulletins.....	32 50
Paper \$1, interest \$1.12.....	2 12
	<hr/>
	\$185 44

## EXPENDITURES.

Paid treasurer.....	\$101 14
express, stationery, incidenta's.....	75 36
Cash on hand Dec. 1, 1887.....	8 94
	<hr/>
	\$185 44

## ADDITIONS.

## Library additions :

Books purchased.....	868
Replacing copies.....	29
New additions.....	839
Books by gift other than government documents.	22
Periodicals bound.....	33
Total additions.....	894
No. of vols. in library aside from government documents.....	8741

## GIFTS HAVE BEEN RECEIVED FROM THE FOLLOWING.

Rev. Charles Parkhurst.....	1	Volume
Edmund Quincy, Jr., Boston.....	3	
James I. Christie, Washington.....	1	
Mrs. M. M. Ricker, Washington.....	3	
Catharine Galbraith Welch.....	3	
Mrs. Robert W. Welch.....	3	
Dover Library.....	1	
Agricultural Library.....	1	
Marcus Marx, New York.....	3	
Maverick National Bank.....	1	
Milwaukee Library.....	1	
John Scales.....	1	
Dr. John R. Ham.....	1	Pamphlet
Dr. Fred Hayes.....	6	
Concord Library.....	1	
Manchester Library.....	1	
Lawrence, Mass., Library.....	1	
Boston,       “       “       .....	2	
Lowell,       “       “       .....	1	
Taunton,       “       “       .....	1	
Meriden, Conn.,       “       .....	1	
Providence, R. I., Library.....	1	
Miss H. C. Bartlett.....	12	
Rev. F. K. Chase, 1 weekly paper one year.		

## CIRCULATION.

Total for the year.....	54,452
No. of days open to public.....	307
Average circulation per day.....	177
Largest circulation in one day.....	476
Smallest circulation in one day.....	41
Largest in one month—March.....	5,896

Smallest in one month—September.....	3,681
No. of persons registered.....	363
Previously registered.....	3,600
Whole number registered.....	3,963
No. of visitors to reading room.....	11,166
No. of visitors to reference room.....	3,916

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We have examined the financial statement in the above report and find the same to be correct.

GEORGE G. LOWELL.

J. B. STEVENS, JR.

Finance Committee.

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Respectfully submitted,

T. B. GARLAND,  
M. J. HUTCHINGS,  
J. B. STEVENS, JR.,  
JOHN T. WELCH,  
JOHN HOLLAND,  
J. C. CAVERLY,

Trustees Dover Public Library.

January 30, 1888.

## JOINT RESOLUTIONS.

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PASSED BY THE CITY COUNCILS IN 1887.

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Resolved, etc. That the easterly line of Central avenue adjoining land of C. W. Woodman, known as the Old Dover hotel property, be fixed and established as follows, viz: by a line running from Hanson street to George street, parallel to the westerly end of said Old Dover hotel property and easterly and just inside of the center cap of the reservoir just westerly of westerly end of said hotel, with this provision, that the City of Dover shall have full control of said reservoir and all benefits to be derived therefrom, with the right at all times to enter upon the said land of the said Woodman, to make such repairs as may be needed in the repair and maintenance of said reservoir.

Provided, that the said Woodman shall dedicate to the said City of Dover, as a part of the highway, all land which he may own, westerly of said line; and provided also, that the action of Charles W. Woodman against Samuel F. Hurd, now pending in supreme court for the County of Strafford be entered "Neither party" at the next term of said court.

Resolved. That the mayor and aldermen be instructed to make a return, after said dedication be made, of the easterly line of said Central avenue as established by this resolution, and to cause the same to be recorded in the road-book of said city.

Passed January 6, 1887.



## ANNUAL APPROPRIATIONS.

Resolved by the City Councils of the City of Dover :

Section 1. That the sum of one hundred and eleven thousand six hundred and seventy-five dollars and seventy-six cents, be raised by taxation this year, 1887, and the said sum, together with the amount of the several sums added from unappropriated money, shall be the full amount of the annual appropriation for the several departments of the City of Dover.

Section 2. Said annual appropriation is hereby divided as follows :

Highways and unappropriated money to make in all \$14,000 00.....	\$10,000 00
Fire Department to include hydrant pipe so far as \$2,000.....	10,475 00
Miscellaneous ... ..	2,500 00
Police and unappropriated money to make in all \$7,000.....	4,000 00
Salaries.....	3,500 00
Printing and stationery.....	500 00
Bridges.....	1,600 00
Repair of school-houses.....	2,500 00
Gas Lights.....	4,000 00
Sewers.....	1,500 00
Evening Schools.....	450 00
Schools, in excess.....	4,700 00
Sidewalks.....	2,200 00
Paupers.....	1,500 00
Support of prisoners.....	350 00
Health.....	300 00
Cemetery, and \$650 of unappropriated money, \$500 of same for stone wall.....	700 00

Lands and buildings, and \$525 of unappropriated money for fire escape and cleaning..	500 00
Interest.....	9,400 00
Cleaning school-houses and vaults.....	250 00
Special, for tax-discount, etc., unappropriated money not to exceed \$6,000 00.....	
Public Library, and \$500 of unappropriated money.....	2,800 00
Schools, by law.....	16,362 50
County tax.....	12,888 26
State tax.....	18,700 00
	<hr/>
	\$111,675 76

Passed January 31, 1887.

Resolved by the Board of Aldermen of the City of Dover :

That an alderman shall be appointed annually to serve with such two members as the board of assessors may join, for the purpose of forming a tax-list committee. The members so appointed shall receive a reasonable compensation for the time spent in the manner hereinafter provided.

Said committee shall take such steps, and hold such meetings as may be necessary to secure a final settlement, in every case within one year from the time the collector of taxes receives his book, with all collectors of taxes that may hereafter be appointed for the City of Dover; and for the purpose of expediting business the mayor may join and vote with such committee, but shall receive no compensation.

Passed February 3, 1887.

Resolved, etc. Section 1. That three persons, one of whom shall be John Killoren of Ward 5, shall be employed to number the houses and vacant lots of the city, inside of limits elsewhere fixed.

Section 2. That a committee, consisting of the mayor and two councilmen be appointed to procure the necessary numbers, and to prescribe the limits of that part of the city necessary to be numbered; said committee shall also appoint the two other members of the numbering force, and fix the compensation of all; and, further, said committee shall procure and set up proper boards containing the names of the streets to be numbered.

Passed February 3, 1887.

#### LICENSE TO ESTABLISH ELECTRIC LIGHTS.

We, the mayor and aldermen of the City of Dover, do grant unto said Henry W. Burgett, of Boston, Mass., with power of assignment, a right or license to erect poles or other structures, necessary for electric lighting, and to stretch wires on and through the streets of said Dover. The said license shall continue in force for a period of five years, and as far forth as the matter is discretionary with the mayor and aldermen, they will not during said period grant a similar license to any other proprietor of electric lighting lines. The mayor and aldermen will grant no such license unless compelled by law so to do.

The size and location of such poles and structures, their distance from each other, the height from the ground that such wires may be stretched, and the number of wires that may be so used, shall be determined when in process of erection or construction, by the mayor and aldermen.

This license shall be, and is, issued upon the following considerations:

First. That said Burgett or his assigns shall within six months from the date of this license, erect and construct a first-class plant for electric lighting, and be prepared to furnish, and shall furnish electric lights to any and all persons in said City of Dover who shall apply, during the said

term of five years, as provided for in Section 12, Chapter 54, laws of 1881, and will put up electric light poles, and furnish electric lights on any street or square in said city that the mayor and aldermen may direct, during said term, at such prices as may be agreed upon. And the said Burgett or his assigns shall furnish to the City of Dover for the term of five years, free of expense, one street light to be erected wherever the mayor and aldermen may direct.

Second. The lights shall be first-class, and the price of lightings shall be as low as the price for lighting by electricity in any city in New England, where the same conditions and circumstances prevail.

Third. The mayor and aldermen reserve the right to revoke this license whenever the public good shall require, as provided for in Section 4, Chapter 54, Laws of 1881.

Passed February 3, 1887.

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Resolved by the Board of Aldermen of the City of Dover :

That until otherwise ordered, the fees of the inspector of kerosene oil be one-quarter (1-4) of one cent per gallon of oil inspected.

Passed April 7, 1887.

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Resolved. That all the new capital, stock, tools, fixtures and machinery which may be used in the manufacture of boots and shoes by the firm of Bradley & Sayward in the City of Dover, shall be exempt from taxation for the term of ten years from date. Provided said Bradley & Sayward shall do a business amounting to one hundred thousand dollars per annum.

Passed April 7, 1887.

## RENTING OF SHERMAN SCHOOL-HOUSE.

Resolved. That the Sherman school building be temporarily rented at a fair and reasonable hiring price, to the St. Mary's Catholic church, the joint standing committee on repairs of school-houses to determine said sum, for parochial school use and occupancy.

Provided, however, that nothing in this resolution nor in any terms fixed by the joint committee on repairs of school-houses, shall prevent or delay the building's return to the school committee, and its re-occupation by the free public schools of the City of Dover, whenever said building shall be required, nor interfere with its use for evening school purposes.

Passed June 7, 1887.

## NEW JAIL.

Resolved. Section 1. That a suitable and satisfactory lot on the city farm is hereby dedicated and given to the County of Strafford for a jail.

Section 2. That the mayor and joint standing committee on city farm and house of correction are hereby instructed to meet and confer with the county commissioners, make known the liberal views of the city, and acting with said county commissioners, select and agree exactly upon a lot.

Section 3. The mayor is hereby authorized to sign a deed of said lot for and in the name of the city.

Passed July 14, 1887.

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Resolved. That the City of Dover will, and hereby binds itself, to sell additional land not exceeding five acres to the County of Strafford, any time within the three years next ensuing, at the rate of two hundred dollars per acre: meaning hereby to sell from city farm, as above indicated, such

land as may be found necessary and desirable, beside the lot heretofore given by the city for jail purpose.

Passed August 16, 1887.

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Resolved. That a bridge be built across the lower river, so called, from the foot of Washington street to the city farm, for city use, and such public and personal convenience of anybody who may have occasion for it.

Passed August 19, 1887.

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Resolved. That the Thurston Shoe Company are hereby exempt from taxation for the term of ten years from date, providing that they do a business amounting to one hundred thousand dollars per year in the manufacture of boots and shoes in Dover. Meaning hereby to exempt all machinery, stock, and all new buildings which shall be built during said term, and used by the Thurston Shoe Company for the manufacture of boots and shoes in this city.

Passed November 3, 1887.

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Resolved. That the mayor is hereby authorized and requested to secure and employ a competent and experienced engineer to investigate and report to these councils upon our available sources of water supply. Said report shall also contain a carefully prepared estimate of cost of public water works in Dover.

Passed September 9, 1887.

# PUBLIC WATER WORKS.

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OFFICIAL REPORT OF ENGINEER P. C. BLAKE.

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TO HON. GEORGE G. LOWELL,

Mayor of the City of Dover, N. H.

Dear Sir—I have the honor of presenting to you, in compliance with your request for the same, the following report on the sources of water supply available for the general uses of the City of Dover, and the cost of the several plans for introducing water shown by investigation to be practicable.

Accompanying this report, I submit two sheets :

(*a*) Showing the extent of territory examined, and the contours and storage capacity of Willand pond, the territory sketch showing the special features referred to in describing the sources and plans,

(*b*) Showing the city proper with the proposed system of piping in all its details.

The figures given on these sheets are a part of the results obtained from careful surveys and measurements made for this special case.

I find by careful observation and a study of the information I have been able to obtain, the following condition of things as regards the present water supply of this city.

First. Quite a portion of that part of the city lying on the east side of the river is supplied with water from springs in Page's meadow near the Rochester road, by the Dover Landing Aqueduct Company, a corporation organized in 1824. Water from these springs is collected in a central well consisting of an excavation about four feet deep, lined with plank, and 13 feet wide by 21 feet long. The bottom of this main well is 69.4 feet above the sidewalk in front of the city hall, and 37.8 feet above the Boston & Maine railroad track at Central avenue. All the water supplied to consumers from this source, passes at one point in its course through a six-inch pipe. The maximum delivery of this pipe at this point under full head from the source, will not exceed 280 gallons per minute. This company supplies water for fire purposes to four public reservoirs for which no service is charged.

One located on Chapel street near the Methodist church.

One located at corner of Central avenue and Sixth street.

One located at corner of Fourth and Chestnut streets.

One located at corner of Central avenue and Broadway.

This company supplies water to about two hundred takers, and collects an annual income of about \$2000.

So far as I have been able to learn from the maps and records of the company, it has in use in the territory supplied, about three miles of street mains or pipes.

There are no fire hydrants connected with this piping through which water can be directly drawn.

Second. The remaining portion of the city lying on the east side of the river and the lower portion of the compact part of the city lying on the west side of the river and north of Washington street, is supplied by the Cocheco Aqueduct Association, organized in 1832, from springs located in territory in the westerly part of the town of Somersworth near



the Dover boundary line and about 1700 feet south of Willand pond.

The principal reservoir is an excavation 28 feet long, 28 feet wide and 7 1-2 feet deep, lined with stone work.

The bottom of this excavation is 100.8 feet above the city hall sidewalk. The supply from this source is supplemented automatically through a two-inch branch leading indirectly, through a four-inch pipe, from an eight-inch main, about 1500 feet long, laid into Willand pond in 1876. Water from the pond passes into this pipe through fine brass screens. The inlet end of this pipe is about eight feet below high water mark, or about five feet below the present pond service.

All the water delivered to the city from these sources passes in its course through two six-inch pipe lines.

This company has in use for distributing its water—

2,500 feet 8-inch cast iron pipe.

15,600 feet 6-inch ditto.

7,500 feet 6-inch wrought iron, cement lined.

6,500 feet 4-inch cast iron pipes.

1,000 feet 3-inch ditto.

7,800 feet 2-inch wrought iron.

2,100 feet 1 1-2 inch ditto.

5,800 feet 1-inch ditto.

20,500 feet of 2 in., 3 in. and 4 in. wooden log lines, or in all, 69,300 feet or 13, 125-1000 miles.

This piping is controlled by 63 gates described as follows :

2 8-inch gates.

7 6-inch gates.

19 4-inch gates.

36 2-inch gates.

This company supplies with water for fire purposes, twelve public reservoirs, located as follows :

- Corner Sixth street and Central avenue.
- On Central avenue opposite Kennard's.
- Corner of Reservoir and Mt. Vernon streets.
- Corner of Maple and Hough streets.
- Corner of Fourth and Chestnut streets.
- Corner of Fourth and Grove streets.
- On New York street opposite Moses Hill's.
- On Broadway, opposite J. F. Shapleigh's.
- On Chapel street opposite Methodist church.
- On Portland street opposite Essex street.
- On Broadway near Franklin square.
- Corner of Walnut and Washington streets.
- No charge is made for this service.

This company supplies about six hundred takers and collects an annual income of about \$11,000.

Third. That portion of the city on the west side of the river lying south of Washington street, is supplied with water by the Dover Aqueduct Company from springs in the high ground south of Barbadoes pond and adjoining the farm of John H. Kelley.

The bottom of the excavation of the principal spring is 66.7 feet above the city hall sidewalk and 9 feet above the intersection of Arch and Silver streets.

The water supply of the company at this point has been reinforced by pipe connection with Barbadoes pond.

The delivering capacity of this pipe is increased when necessary by means of a steam pump capable of delivering ninety gallons of water per minute.

All water sent to the city from these sources, passes through two pipes, one six, the other four inches in diame-

ter. The total delivering capacity of both pipes under present conditions cannot exceed 350 gallons per minute.

In the Belknap school yard, there are two small distributing reservoirs, both together containing 600 hogsheads of water.

At the corner of Atkinson and Silver streets there is another smaller reservoir, having a capacity when full, of about 400 hogsheads. These serve as accumulators of water from the source, and in that way, to a limited extent, increase the delivery of water to consumers during the daytime.

From the best information obtainable, this company has in use in the territory supplied, about five miles of street mains or pipes.

This company supplies water for fire purposes to public reservoirs located as follows :

On Central avenue near South Pine street.

On Mt. Pleasant street opposite South Pine street.

On Silver street opposite Atkinson.

Tuttle square, near church.

For this service no charge is made.

This company supplies water to about 400 takers and collects an annual income of about \$4,000.

There are no fire hydrants connected with the street mains of this company. In addition to the water supply for fire protection furnished by the three corporations just named, there are :

First. The reservoir controlled and filled with water from Sawyer mills. This reservoir contains, when full, something over two hundred thousand gallons of water. The bottom of this reservoir is 93.2 feet above the city hall sidewalk and water is led from it through a six-inch pipe laid in

Locust street as far as Summer, at which point a supply is available in case of fire. The pressure of water at the two hydrants on this Locust street pipe is not sufficient to furnish direct fire streams.

Second. The spring basin in the premises of the agent of the Cocheco Manufacturing Company which supplies water by gravity, under a light head, at two or three points in the lower and thickly settled portion of the city.

The city has a well equipped and efficient fire department which it maintains at average annual expense of about ten thousand dollars.

The City of Dover has at present time a population of 14,500. Careful surveys of its settled territory show the levels of different sections to vary quite materially.

Appended to this report you will find a list of levels giving the heights of various street intersections and other points above mean low tide. I have added to these levels a list of carefully tested bench marks, which will be of value in this connection as well as for other public improvements.

You will also find a tabulated schedule of street distances or pipe lengths, from which it will be seen that the occupied streets of the city which may require piping in the event of the introduction of water aggregate 106,450 feet or twenty and sixteen-one hundredths miles.

The highest territory to be supplied with water is that in the immediate vicinity of Arch and Silver streets, which averages an elevation of one hundred and twenty five feet above tide. The lowest portion is that surrounding Payne street, eighteen feet above tide.

To supply the consumption of water in a city of the size of Dover, under a competent plan giving suitable pressure at all points, not less than one million gallons daily must be

provided. To supply a population of twenty thousand people, one and one-third million gallons will be necessary.

A little less than seven hundred gallons of water per minute, running continually for twenty-four hours, would be equal to one million gallons per day.

An ordinary one and one-quarter inch fire stream, thrown from a hydrant under a static head of two hundred feet, will discharge very nearly two hundred and fifty gallons per minute. Ten such streams would of course require a continuous supply of twenty-five hundred gallons per minute under the necessary pressure. This capacity of ten streams, to be thrown directly from the hydrants without the assistance of fire engines, is the least which should be provided in designing a system of water supply for the City of Dover.

Bearing these various facts in mind we will consider the sources of water supply for the city, the practicability and cost of such plans as appear to be feasible for the introduction of water, and the special features of the project which the investigations warrant me in recommending for adoption. The sources of water supply examined are as follows :

The Bellamy river.

Barbadoes pond and Kelley's springs.

The Cocheco river.

Incidentally, the Blackwater brook.

The springs in Page's meadow.

The springs of the Cocheco Aqueduct Association.

Willand pond.

The Bellamy river has its origin in ponds lying in the town of Barrington. The special point examined was near and above the Boston & Maine railroad between the Dover city line and the Madbury station, and is marked "A" on the territory sketch.

The dry weather flow of the river at this point must be equal to at least four millions of gallons in twenty-four hours, or enough for a population of sixty thousand people. The water shed of the river above this point is not less than forty square miles, and its general character is such as to furnish water of wholesome quality, though somewhat colored and of higher temperature than the best pond water. The contours of the land around and above the point referred to, are such as to indicate that a supply of ground water of excellent quality can be obtained by excavations or pipe wells. These facts have suggested the practicability of establishing a pumping station of proper capacity, obtaining a supply of ground water, and forcing the same through a main pipe to be laid by way of Knox Marsh road to the junction of Arch and Silver streets, thence through a system of distributing pipes to be laid throughout the city to a reservoir on Garrison Hill. The Bellamy river at this point is eighty-eight feet above tide, and one hundred and ninety-six feet below a practicable level for a reservoir on Garrison Hill. The distance from the river by way of Knox Marsh road to Arch and Silver streets is eleven thousand and five hundred feet; the size of pipe required would be fourteen inch, and the cost of the same, laid complete would be \$26,000.

The cost of a proper pumping station would be: For building, \$7,000; for pumping engine and two boilers, \$11,000; for collecting gallery or wells, allow \$12,000; making a total of \$56,000.

The capacity of the pumping engine would be about fifteen hundred gallons per minute against a head of two hundred and twenty feet.

Barbadoes pond is a deep basin with its present surface one hundred and thirty-seven feet above tide, and eighty-

eight feet above city hall sidewalk. The greatest depth found in it by sounding was fifty-three feet, and it covers an area of about thirty acres. It has no visible surface outlet and not a large water shed. Its location is such as to make it of little or no value for purposes of public water supply for Dover. While the quality of its water is evidently good, its capacity is not sufficient to warrant the expenditure of the money which would be required to utilize it in connection with other sources. For the same reason it would hardly be expedient to attempt to utilize the water yielded by Kelley's springs, the present source of the Dover Aqueduct Company, in connection with other sources. The facts to be given regarding other sources considered, will suggest further objections to the utilization of these springs or Barbadoes pond, taken singly or in combination.

It has been suggested that the Cochecho river can be made to furnish both water and power to raise it. This river water would not, I think, be of the quality and character which should be furnished your citizens. It receives the drainage of quite a large manufacturing population and will undoubtedly continue to grow less pure as time goes on. I have, however, examined this stream with a view to learning what practicable opportunities exist thereon for supplying the city with water.

First. There is a convenient location for a pumping station on the land of Joshua Parker on the east side of the river nearly opposite the Hull farm. Very probably a supply of ground-water similar to that obtainable near the Belamy river can be found at or near this point, which is marked "C" on the territory sketch.

The distance from this point as shown by the route on the sketch, i. e., via Sixth street to Central avenue, is four thousand feet, the size of pipe required would be fourteen



inches and the cost of the same laid complete would be \$8,500; the cost of a proper pumping station including engine, boilers and collecting wells would be as before very nearly \$30,000; making a total of \$38,500.

Second. Competent water power can be obtained at the Upper Mills dam on this river, marked "B" on the territory sketch, and the expense of pumping by steam avoided. It is not probable that a sufficient supply of ground-water can be obtained in the vicinity of this dam, or within a reasonable distance. The value of the water in this stream for manufacturing purposes below, is so evident as to suggest the economy of finding a supply elsewhere.

Under different circumstances than those which exist in this case, the taking of the water of this stream might be both advisable and warrantable; but investigations in other directions, the result of which will appear shortly, show it to be unnecessary to give this stream serious consideration as a desirable source of water supply for the City of Dover. Were all other objections removed, the present and prospective quality of this water would, in my opinion, condemn it for domestic use.

The Blackwater brook was examined to ascertain its capacity to furnish water. This was found to be very irregular, and there being no reasonable opportunity for storage, and the stream being so remote from any other feasible source as to make it impossible to utilize it in connection therewith, it is useless to give it any further consideration.

The source of the Dover Landing Aqueduct company, the springs in Page's meadow, is a valuable one in the opportunities it offers for development.

Of equal value in the same direction are the springs of the Cocheco Aqueduct Association near Willand pond



The present method of each company for utilizing these sources is crude and imperfect. The excavations from which water is taken are mere shallow pits unprotected, except perhaps in the case of the newer well of the Cocheco company, from the intrusion of surface water, reptiles and animals. While it is true that much cool, clear water bubbles up in the bottom of these pits, the direct drainage of water from the surface of the ground can be observed to enter them from all directions. Many of these pits contain a brown, flocculent sediment which is easily disturbed, and requires some time to become settled.

No doubt much of this sediment is deposited in the many depressions in the street mains of the two companies, and is the source of the annoyance which causes frequent complaint especially after heavy draughts of water for unusual purposes, such as filling reservoirs, etc. I should presume from the fact that surface water can so easily find its way into these excavations, that a heavy rain-storm would so disturb the water as to send much of this sediment into the pipes of the consumers.

From a careful study of the contours, surface drainage, channels and soils of the water sheds around and above these springs, I believe that it will be an easy undertaking to obtain a permanent supply of not less than half a million gallons daily from this source. I also believe that an equal amount can be obtained from the sources of the Cocheco company, and the practicability of connecting these two sources by gravity is evident. A carefully surveyed line between them shows the distance to be three thousand six hundred and sixty feet, and the difference of level, thirty-one and four-tenths feet. By such a combination there would be made available at a point convenient for pumping, a supply equal to about seven hundred gallons of water per

minute, twenty-four hours per day, which, if it were to be drawn in ten hours would require a pumping capacity of at least one thousand six hundred gallons per minute and an accumulating reservoir near the pumping station capable of holding six hundred thousand gallons of water.

A twelve inch conduit laid on a regular grade between those two points would deliver at the lower source eight hundred gallons of water per minute and would be the proper size to use.

Willand pond is a clean body of water receiving the greater part of its supply from sub-surface sources. It has been surveyed and examined with much care, and not less than one thousand soundings, each accurately located, have been made of its depth, with a view of ascertaining its precise storage capacity, and the levels affecting its replenishment from the sources above mentioned. Its present water surface covers seventy-eight and three-fourths acres. After drawing off six feet of water below its present surface, the area would be 69 1-2 acres, and the amount of water withdrawn would be one hundred and forty-five million gallons. After drawing off ten feet of water the area would be fifty-nine and three-fourths acres; water withdrawn two hundred and twenty-nine million gallons. After drawing off fifteen feet the area would be forty-eight and three-fourths acres; water withdrawn, three hundred and seventeen million gallons. After drawing off twenty feet below the present level, the area would be thirty-five acres; water withdrawn three hundred and eighty-four million gallons,

The greatest depth of water found was forty-five feet, and the total storage capacity of the pond is five hundred and fourteen million gallons. The effect upon the shape of the pond, of drawing off the water in this way can be seen from the contoured plan on sheet "A."

Of the quality of the water in the pond, it is enough to say that it is unusually good and soft. The analysis of Dr. John Bell, made in 1871, indicates its purity and adaptability for domestic uses. A lowering of the present surface by drawing off water would result in improving the quality of the remaining water, as increased infiltration of cold subsoil water would lower its already low temperature.

It is important that the yielding capacity of this source should be accurately rated. To do this with reasonable certainty, the way in which a basin, situated as this is, receives its supply, should be understood.

The average annual rainfall (including snow,) in this vicinity, is not far from forty inches. Where the country is hilly and the soil hard, from fifty to sixty per cent. of this rainfall flows off in surface channels and ultimately to the rivers. The remainder disappears by evaporation into the air, and by settlement into and through the soil. Where the surface is flat, with few and small surface channels, by far the largest percentage of the rainfall disappears by direct subsidence into the ground. There are localities in New England where in all probability not more than twenty or thirty per cent of the rainfall appears in the surface channels, the rest settling away about as fast as it falls, into the porous and absorbent soil. Undoubtedly the sandy tableland or plateau surrounding Willand pond is of the character to compel such a process. The porosity of the soil examined in a number of places in the vicinity of the pond is such as to allow of the reception and retention of thirty per cent. of its measured bulk of water.

In other words, a cubic foot of this sandy, gravelly material, if confined in a tight box containing just one cubic foot, will absorb and hold without loss by overflow, one third of its bulk of water.

Illustrated in another way, a layer of this soil three feet deep would receive a layer of water one foot deep before the latter would flush to the surface and tend to overflow.

The area of the level territory surrounding the pond and above its present water surface is not less than six hundred acres, and if we allow that seventy per cent. of an average annual rainfall of forty inches is absorbed by this territory (which is undoubtedly the case,) and that but one half of this amount can find its way by percolation into the pond as the surface of the latter is drawn down, the result will be an average daily yield of something over half a million gallons.

Of course it is evident that the lower the pond is drawn the farther back from its shores the tendency of the sub-soil water to flow into the pond will be felt. In this way the extent of the sub-surface water shed is undoubtedly increased. It has been found by carefully conducted experiments that the slope of this sub-surface water shed is constantly changing in its relation to the pond or stream to which it contributes its water. As the pond or stream falls, the slope of this water shed increases in its pitch.

In the case of Willand pond I have no doubt that the result of lowering its present water service ten feet would be to so largely increase the rate of average annual inflow as to make it possible to draw an average amount daily, throughout the year, greater than the average daily amount which could be drawn from the pond at its present level.

These features are specially noticeable in the many deep excavations which have been made in flat level meadow areas by a number of towns and cities for purposes of public water supply.

While it is true that it is impossible to state with absolute precision the maximum capacity of a source like Willand pond, yet I believe it is safe to rely upon obtaining results

similar to those recorded elsewhere from sources similarly situated.

There can be no question as to the capacity of Willand pond to permanently yield an average daily supply of at least five hundred thousand gallons, while I believe that future records, if this source is adopted, would show it to have developed a capacity equal to twice this amount.

Certainly this source is worth much more to the City of Dover than it will cost to develop and utilize it.

I propose the following plan for adoption by the city, and respectfully commend it at this time to the most careful consideration of your citizens.

#### PLAN PROPOSED.

A proper pumping station to consist of a substantial brick building with draught chimney, arranged to contain a suitable pumping engine of sufficient power, and two boilers with the necessary fixtures and appliances, is to be located in Page's meadow, near the springs of the Dover Landing Aqueduct Company. Near this pumping station is to be constructed a receiving basin, of suitable dimensions, to store the water accumulated when not pumping.

By means of a proper excavation, the spring water obtainable at this point is to be made available for the pumping engine. From the receiving basin a twelve-inch conduit main is to be laid up through the meadows to the springs of the Cocheco Aqueduct Association. At this point a large collecting well of durable and proper construction carried down below the level at which it is possible for surface water to infiltrate, is to be constructed and arranged to discharge its waters through the conduit main just referred to, at the pumping station and receiving basin. The present connection of the Cocheco company with Willand pond can

be utilized, if found competent, to discharge the waters of the pond by way of this conduit into the receiving basin at the pumping station. By this combination of sources which would certainly be an economical arrangement so far as cost of construction is concerned, an average daily supply approximating if not exceeding one and one-half million gallons would be available for public uses.

The other features of the plan would be exceedingly simple in construction and operation. From the pumping station a fourteen inch main is to be laid up through the fields in an easterly direction to the Rochester road, thence southerly down the Rochester road to the horse railroad terminus, where it would discharge into a sixteen inch rising and leading main, laid up the slope of Garrison Hill to a distributing reservoir.

This reservoir is to be circular in form, constructed of earth (largely in excavation) lined with water-tight puddle, with slopes paved with smooth granite blocks and floor concreted. But one main sixteen inches in diameter, will be needed to connect this reservoir with the rest of the system. The cost of the construction of this plan will be \$180,000, and the estimate sheet will give a detailed statement of the cost of each of the several items which go to make up a complete water-works.

The delivering capacity of the system of piping proposed will be equal to supplying twelve streams of water thrown directly and simultaneously from the hydrants, while supplying water for all other purposes.

The pressure will be sufficient to throw these hydrant streams eighty-five feet high in the elevated portion of the city near Arch and Silver streets. Twelve streams of water can be thrown directly from hose attached to the hydrants in Central square, one hundred and thirty feet high, or over



the weather vane on the city hall, which is one hundred and twenty-seven feet above the sidewalk. Hydrant streams one hundred and five feet high can be thrown at the junction of Locust street and Central avenue near the residence of Jonathan Sawyer. The height of other hydrant streams at other localities can be learned by reference to the list of levels.

The estimate sheet specifies and covers the cost of first-class work in all the details of this plan.

The street mains are to be cast iron of standard quality, capable of withstanding pumping pressure of two hundred pounds per square inch. The stop gates or valves are to be heavy, with all necessary adjustment, and are to be accessible from the surface of the street through heavy cast iron gate boxes. The hydrants are to be able to bear heavy pressures, of the post pattern, and are to be non-freezing. Each hydrant is to have two standard hose outlets and large waterway at the valve, and will furnish two heavy fire streams.

The annual cost of maintaining this plan will be as follows :  
Allowing a daily pumpage of one million gallons,

fuel, oil and salary of engineer, will cost...	\$3,500 00
Expense of management, allow.....	2,000 00
Cost of construction as per estimate sheet, \$180,- 000 ; add for land damages, contingencies, en- gineering and connecting service pipes, the liberal allowance of \$20,000, making \$200,- 000 total construction charges. As this amount can be obtained on thirty year bonds bearing four per cent interest, there must be added four per cent. on \$200,000.....	8,000 00
Making a total of.....	<hr/> \$13,500 00

To retire the bonded debt at maturity, there should be appropriated, annually in addition to the above amount \$4,000, making a total annual expense of \$17,500, and this amount it should be understood meets all annual requirements and at the same time pays for the entire system of work in installments, so that when the issue of bonds becomes due it will be met by the accumulated payments without further taxation, and the works will become the property of the city, and thereafter, the annual income from the sale of water can be applied to lessening the rate of general taxation.

Now let us see what income may reasonably be expected from the sale of water.

The undertaking of this project on the part of the city involves the purchase of the franchise and properties of the three aqueduct companies described in this report. Such a purchase secures to the city the plant and income of each company, as well as the liabilities and expenses. It is evident that so far as a demand for public water for domestic uses goes, there will be nothing of the nature of an uncertain experiment in this case, as a large majority of the people have adopted the aqueduct supplies available, and rely solely upon their faucets and service pipes for all the water used in and about their premises. All of these water takers will continue to use and pay reasonable rates for water supplied to them, thus assuring the permanence of an income aggregating not less than \$17,000 per year. We can then start with this statement.

Total annual expense, which, contributed annually	
will extinguish the debt to be incurred for	
new water works.....	\$17,500 00
Guaranteed income by purchase of three com-	
panies' works.....	17,000 00
Deficiency.....	\$500 00



Now to this amount must be added the annual expense entailed by the purchase of the companies' works. Assuming a total cost for three works of \$80,000, to be paid by the issue of four per cent. thirty year bonds, the annual cost will be, for interest.....		\$3,200 00
For installment to sinking fund.....		1,600 00
Making a total of.....		<u>\$5,300 00</u>

It is evident that the number of water takers under a new system of works would increase. Judging from the experience of other cities and towns of similar size, the annual income from the sale of water would soon reach and exceed \$20,000, the more especially because the plan proposed includes the piping of every occupied street in the city proper. Thus it would be found that the above difference of \$5,300 would be so diminished as to make the annual deficiency insignificant.

But there is an additional value to be placed on a competent system of water-works to which I have made no reference, and that is the protection to the combustible property in every street, afforded by the hydrant service provided. This certainly is of great importance to a growing and prosperous city like Dover. If we value each hydrant at the small annual rental of \$35.00 (and each hydrant is more than equivalent to a first-class steamer, standing ready day and night with steam on) the one hundred and twenty-five hydrants in the plan proposed will be worth \$4,375 per year.

A summary of the account then is as follows :

Total annual outlay incurred.....	\$22,300 00
Income insured.....	17,000 00
<hr/>	
Deficiency at outset.....	\$5,300 00

Income from one hundred and twenty-five hydrants at \$35.00.....	\$4,375 00
Leaving net deficiency of.....	\$925 00

Which would be more than met by increased water rates from new water takers the first year.

In conclusion allow me to briefly re-state the recommendations explained above.

First. I advise the adoption of the plan of collecting spring water at a central point in Page's meadow, supplementing this supply from Willand pond, and pumping this water by properly designed and economical machinery to a reservoir on Garrison Hill.

By this plan, water of the most excellent quality will be secured to the city, and there will be a satisfactory pressure on the highest streets.

This plan will be competent for a population of twenty-five thousand people.

Looking farther ahead, there will be available the waters of the Bellamy river when the city shall need them, and the plan proposed will require no remodelling, a simple pumping station, proper filtration of the river water, and a force-main to connect the pumping station with the system of piping at Arch and Silver streets, being the only additions necessary.

I consider these opportunities as unusually favorable in every respect, and trust that my explanation of them, both in this report and the accompanying tables and maps prepared, will be sufficiently clear to convince your citizens of the expediency of securing the great advantages offered by them.

I wish to acknowledge the courtesy of the officers of the

several aqueduct companies, and the value of the information very kindly given to me by them.

Respectfully submitted,

PERCY M. BLAKE,

Civil Engineer.

Hyde Park, Mass., November 12, 1887.

#### ESTIMATE SHEET.

##### *Distribution Piping.*

			Pounds.
16 inches,	6160 feet,	times 130 pounds...	800.800
14 inches,	1300 feet,	times 115 pounds...	149,500
10 inches,	5788 feet,	times 65 pounds...	376,220
8 inches,	30024 feet,	times 45 pounds...	1,351,080
6 inches,	54024 feet,	times 30 pounds...	1,620,720
4 inches,	9154 feet,	times 20 pounds...	183,080
<hr/>			
Total,	106,450 feet,		4,481,400

##### *Cost of Laying.*

6160 feet at forty cents per foot	\$2,464 00
1300 feet at thirty-seven cents	
per foot.....	481 00
5788 feet at thirty cents per foot	1,736 40
30024 feet at twenty-eight cents	
per foot.....	8,406 72
54024 feet at twenty-five cents	
per foot.....	13,506 00
9154 feet at twenty cents per foot	1,830 80
<hr/>	
	\$28,424 92

4,481,400 pounds equal 2000.7	
tons, say 2020 tons at \$35...	70,700 00
85 tons special castings at \$60....	5,100 00
205 gates and boxes.....	\$5,800 00
125 hydrants at \$32.....	4,000 09
	<hr/>
	\$9,800 00
	<hr/>
Distribution piping.....	\$114,024 92

*Pumping Station, etc.*

Engine house.....	\$7,000 00
Engine and boilers.....	11,000 00
Lower collecting gallery.....	6,000 00
Receiving basin.....	9,500 00
12 inch conduit, 3660 feet.....	7,320 00
Upper collecting gallery.....	6,000 00
Valves and connections.....	1,200 00

*Reservoir on Garrison Hill.*

2,000,000 gallons capacity.....	15,000 00
Force-main.....	3,000 00
	<hr/>
Total cost.....	\$180,044 92

Submitted November 13, 1887.

SPECIAL ELECTION.

Resolved, etc. That a special election of the qualified voters of the City of Dover, voting in their respective wards be held November 30, 1887, to see if said voters will ratify and confirm sections 18, 19, 20, and 21 of the city charter of the City of Dover, as amended by the legislature July,

1887, voting upon the following question: "Shall the City of Dover adopt the provisions of sections 18, 19, 20 and 21, of the charter of the City of Dover, passed July 29, 1881, and as amended July, 1887, authorizing said city to establish water-works? Yes. No." and the selectmen of the several wards of said city are directed to post their warrants, warning said meeting.

Passed November 13, 1887.

## ORDINANCES.

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### PASSED SINCE PUBLICATION OF CHARTER AND ORDINANCES.

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Be it Ordained by the City Councils of the City of Dover :

SEC. 1. Every person keeping a dog and permitting him to run at large in any street, lane or alley, or other place in the City of Dover, without a license, and without said dog having around his neck a collar of brass, tin or leather, with the name of the owner engraved thereon, shall be liable to a fine of not less than two dollars nor more than five dollars.

SEC. 2. The mayor may grant such license for one year only, on condition that the person applying for the same shall pay for the use of the city not less than two dollars for a male dog and five dollars for a female dog, and not otherwise, which license shall be recorded in a book kept for that purpose, and delivered to the person applying therefor.

SEC. 3. All ordinances and parts of ordinances inconsistent with this ordinance are hereby repealed.

Passed March 2, 1882.

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Be it Ordained by the City Councils of the City of Dover :

SEC. 1. Whenever the board of aldermen shall grant any

permission to any person, firm or corporation, to encumber any street, sidewalk, or public square of said City of Dover, for the purpose of erecting, altering or moving buildings, or to dig up or encumber the same in any other manner, they shall, as a condition to granting such permission, require the party obtaining the same to furnish a bond of indemnity to the City of Dover in such sum and with such securities as they make think proper.

SEC. 2. This ordinance shall take effect upon its passage.  
Passed March 30, 1882.

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Be it Ordained by the City Councils of the City of Dover :

SEC. 1. That section 5, chapter iv., of the Revised Ordinances be amended as follows : In the second line the word “ four ” be stricken out and the word “ five be inserted.

SEC. 2. It shall be the duty of the city marshal to cause one night watchman to be at the police station from 10 o'clock P. M. to 7 o'clock A. M., each night watchman doing this duty in turn as designated by the marshal.

SEC. 3. The police station shall be open at all hours of the day and night, to receive complaints respecting offenses against the laws and ordinances, and notice of fire by telephone or otherwise.

SEC. 4. All ordinances and parts of ordinances inconsistent with this ordinance are hereby repealed.

Passed March 9, 1882.

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#### AN ORDINANCE IN AMENDMENT OF SECTION 5, CHAPTER IV., OF THE REVISED ORDINANCES.

Be it Ordained by the City Councils of the City of Dover :

That after the word “ section ” in section 5, chapter iv.,

of the Revised Ordinances, the words "except that of truant officer," be inserted.

Passed March 30, 1882.

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AN ORDINANCE IN AMENDMENT OF CHAPTER X. OF THE  
CITY ORDINANCES.

Be it Ordained by the City Councils of the City of Dover :

That the figure "2" in the thirty-fourth line of section 4, of chapter x., be stricken out, and the figure "3" be inserted in lieu thereof.

That between the word "city" in the fourth line of section 10, chapter x., of the City Ordinances, and the word "and" in the same line, as printed in the volume entitled "Charter and Ordinances of the City of Dover, N. H.," the following words be inserted: "See that the dwelling-houses of the chief, first, second and third engineers, the steam engineers and assistants, and drivers of steamers and hook and ladder companies are connected with the telephone central office, and that a pair of spring harnesses be kept constantly ready for use in the hook and ladder house."

That the figure "2" in the third line of section 15 of said chapter be stricken out and the figure "3" inserted in lieu thereof.

That figure "3" in the ninth line in section 15 of said chapter be stricken out and the figure "2" be inserted in lieu thereof.

That all after the figure "1" in the tenth line of section 15 of said chapter be stricken out, and the following words be inserted in lieu thereof: "It shall be the duty of the mayor to cause one pair of horses, suitable to draw the hook and ladder carriage, and a competent driver, also one



horse suitable to draw hose carriage No. 1, with a competent driver, to be kept within the limits of highway district No. 1."

In case of an alarm of fire, said drivers, with their horses, shall be under the control of the chief engineer. It shall be the duty of the driver of steamer No. 2 forthwith to repair to the engine house on Orchard street, set fire to the fuel prepared in the fire-box of steamer No. 2, and draw the same to a convenient place near the fire from which a supply of water can be obtained, and await the directions of the foreman. It shall be the duty of the driver of the hose carriage, No. 1, forthwith to repair to the engine house on Orchard street, and await the orders of the chief engineer or his assistants. It shall be the duty of the driver of hook and ladder carriage, No. 1, forthwith to repair to the hook and ladder house on First street, draw said carriage to the fire, and await the directions of the foreman.

Passed February 20, 1883.

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#### AN AMENDMENT TO CHAPTERS X. AND XV. OF THE CITY ORDINANCES.

Be it Ordained by the City Councils of the City of Dover :

That the word "three" in the second line of section 1, chapter x., of the City Ordinances, as printed in the volume entitled, "Charter and Ordinances," be stricken out, and the word "two" inserted in lieu thereof; and the words "the third assistant engineer, sixty-five dollars," in section 10, chapter xv., be stricken out.

Passed March 8, 1883.

AN AMENDMENT TO AN ORDINANCE PASSED MARCH  
9, 1882.

Be it Ordained by the City Councils of the City of Dover :

That sections 2 and 3 of the amendment of the city ordinances passed March 9, 1882, be stricken out, and the following words inserted in lieu thereof: "The city marshal shall see that one member of the night watch, while on duty, remains on or about Central square, and so near the police station as to be able to respond to a call or alarm from telephone box, which shall be placed at the northeast corner of the city hall lot."

Passed March 8, 1883.

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AN ORDINANCE IN REGARD TO CITY REPORTS.

Be it Ordained by the City Councils of the City of Dover :

That the annual reports of the receipts and expenditures for each municipal year be printed and ready for distribution, on or before the twentieth day of March after the expiration of said municipal year.

Passed April 10, 1883.

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ORDINANCE IN AMENDMENT OF CHAPTER 17, CITY  
ORDINANCES.

Be it Ordained by the City Councils of the City of Dover :

That chapter xvii of the city ordinances (relating to vital statistics and funeral undertakers) be amended after section 2, to read as follows :

SEC. 3. Whenever any person shall die within the limits of the city, it shall be the duty of the physician attending such person during his or her last sickness, to examine the

body of such deceased person before the burial thereof ; and to make out and sign a certificate setting forth, as far as the same may be ascertained, the name, age, color, sex, nativity, occupation whether married or single, duration of residence in the city, cause, date and place of death of such deceased person ; and it shall be the duty of the undertaker, or other person in charge of the burial of such deceased person, to add to such certificate the date and place of burial, and having duly signed the same to deposit it with the city clerk and obtain a permit for burial ; and in the case of death from any contagious or infectious disease, said certificate shall be made and forwarded immediately.

SEC. 4. Whenever a permit for burial is applied for, in case of death without the attendance of a physician, or it is impossible to obtain a physician's certificate, it shall be the duty of the city physician to make the necessary examination, and to investigate the case, and make and sign a certificate of the probable cause of death ; and if not satisfied as to the cause and circumstances attending such death, he shall so report to the mayor.

SEC. 5. No interment or disinterment of the dead body of any human being, or disposition thereof in any tomb, vault or cemetery, shall be made within the city without a permit therefor, granted as aforesaid, nor otherwise than in accordance with such permit.

No undertaker, superintendent of cemetery, or other person shall assist in, assent to, or allow any such interment, or disinterment, to be made, until such permit has been given as aforesaid ; and it shall be the duty of every undertaker, superintendent of cemetery, or other person having charge of any burial place as aforesaid, who shall receive such permit, to preserve and return the same to the city clerk within forty-eight hours from the time of said burial.

No dead body of any human being, from without the limits of the city shall be received into, or allowed to be buried in any cemetery, or other place of interment in said city, unless the person in charge, superintendent of cemetery, or undertaker, shall have first obtained a permit from the city clerk; said permit to be issued upon the certificate of the physician who attended the deceased during his or her last sickness.

Section 4 of this chapter shall be numbered section 6.

Section 5 shall be altered to read as follows: "Any person violating any of the provisions of this chapter shall be fined not less than ten nor more than twenty dollars."

Passed April 10, 1883.

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#### AN AMENDMENT TO CHAPTER IV. OF THE CITY ORDINANCES.

Be it Ordained by the City Councils of the City of Dover:

That after the last word in section 3 of chapter iv. of the city ordinances the following be added: "He shall, under the direction of the superintendent of schools, furnish and provide officers for service as truant officers; and in this respect fully carry out the provisions of the laws of the state pertaining thereto."

All ordinances not in accordance with this ordinance are hereby repealed.

Passed April 17, 1883.

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#### AN ORDINANCE IN AMENDMENT OF CHAPTER XVII., SECTION 3, OF THE CITY ORDINANCES.

Be it Ordained by the City Councils of the City of Dover:

That the fee for examining and inspecting the bodies of

deceased persons as required by section 3, chapter xvii. of the city ordinances be, and hereby is, established at one dollar for each inspection; which shall be paid by the City of Dover.

Passed October 4, 1883.

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#### AN ORDINANCE IN RELATION TO DONATIONS AND LEGACIES FOR CEMETERIES.

Be it Ordained by the City Councils of the City of Dover :

SEC. 1. That the city hereby accept, and will accept, all donations and legacies made to it, for the purpose of keeping in good repair and preservation, any grave or lot, the avenues connected therewith, and the tomb, fences, monuments, trees, shrubbery, and soil thereon, in any public cemetery.

SEC. 2. All such legacies and donations shall be invested in United States, state, county, city, or town securities, and the annual income thereof shall be expended in performing the conditions attached to such donation or legacy.

SEC. 3. The money shall be expended under the direction of the joint standing committee on cemeteries, who shall make an annual report in detail, to the city, of their doings during the previous year.

SEC. 4. It shall be the duty of the city treasurer to publish each year in the annual report of the receipts and expenditures of the city a statement showing the receipts and expenditures of, and condition of the funds in his custody under this ordinance.

SEC. 5. The city treasurer is hereby authorized to accept and receipt for, and in behalf of the city, any donation or legacy, when made in accordance with an act of the

legislature, approved July 18, 1876, entitled, "An act authorizing cities and towns to accept donations and legacies in certain cases," and agreeable to the terms and conditions of this ordinance.

Passed December 6, 1883.

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AMENDMENT TO CHAPTER III., SECTION 13, OF THE CITY  
ORDINANCES.

Be it Ordained by the City Councils of the City of Dover :

That chapter iii., section 13, of the city ordinances be, and is hereby amended, by striking out the word "March" and inserting the word "January" in lieu thereof.

Passed December 26, 1883.

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AN ORDINANCE IN AMENDMENT TO AN ORDINANCE ON  
CEMETERIES.

Be it Ordained by the City Councils of the City of Dover :

That section 13, of chapter viii., of the city ordinances be stricken out and the following inserted in lieu thereof: "The following scale of prices is hereby established, to wit: For digging and closing the grave of any person of the age of 12 years and under 12, one dollar; for any person over 12 years of age, two dollars; also an additional sum not exceeding one dollar in any case may be charged when the ground is frozen hard and the snow very deep, or when canvas is used to cover a lot and the earth is removed. For opening and closing a tomb fifty cents."

Passed March 13, 1884.

## PUBLIC LIBRARY.

Be it Ordained by the City Councils of the City of Dover :

Section 1. The city councils shall annually on the first Thursday of October meet in convention for the purpose of filling, by joint ballot of the board of Dover Public Library trustees and the city councils, the vacancy annually occurring, by expiration of term, in said board of trustees.

Section 2. The mayor shall seasonably notify the board of trustees of each meeting.

Passed December 4, 1884.

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## SALARIES.

Be it Ordained by the City Councils of the City of Dover :

That section 3, of chapter xv., of the city ordinances be amended by striking out the word "fifty" in the second line and inserting "one hundred" in lieu thereof.

Passed February 5, 1885.

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Be it Ordained by the City Councils of the City of Dover :

That the word "one" in section 5, chapter xv., of the city ordinances be stricken out and the word "two" inserted in lieu thereof.

Passed May 7, 1885.

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Be it Ordained by the City Councils of the City of Dover :

That a regular night watchman be appointed for Sawyers' Mills to serve from seven o'clock p. m. to four o'clock a. m. of each day, said watchman to be acceptable to the proprietors of Sawyers' Woolen Mills, and subjected to all ordi-



nances and resolutions governing the police force of the City of Dover. He shall be paid by the City of Dover the sum of six hundred dollars per annum in full for all services by him rendered.

Passed August 6, 1885.

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Be it Ordained by the City Councils of the City of Dover :

That section 2, of chapter xv., of the ordinances of the City of Dover, is hereby amended by adding after the word "year" at the end of said section the following words : "provided that when unable by sickness, or otherwise, to discharge his duties there shall be a *pro rata* reduction of his salary, for and during such time, unless the city councils by special resolution shall otherwise order."

Passed January 28, 1886.

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#### AN ORDINANCE IN AMENDMENT OF CHAPTER V., SECTION 3, OF THE CITY ORDINANCES.

Be it Ordained by the City Councils of the City of Dover :

That all after the word "hall," in the tenth line of section 3, of chapter v., of the city ordinances, as printed in the charter and ordinances of the City of Dover, N. H., 1882, be stricken out and the following words substituted therefor :

"He shall charge persons living out of the city the sum of thirty five dollars per night when the scenery is used, and twenty-five dollars per night when the scenery is not used ; but citizens shall be charged for same the sum of ten dollars, including heat and messenger service, gas to be added, and no more excepting the sum of eight dollars per night when the scenery is used, provided the hall is not sub-let or hired for use of persons living out of the city. Upon the first



Monday of every month he shall pay to the city treasurer, for the use of the city, all moneys by him received as rent, cost of heating and lighting, and for labor performed, and take the city treasurer's receipt, and deliver such receipt to the city clerk. A sum not exceeding three dollars per night may be allowed persons employed by the city messenger to work the scenery. No deduction in price shall be made to any theatrical company by reason of not using the city's scenery."

Passed March 4.

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AN ORDINANCE IN AMENDMENT OF CHAPTER XIII., SECTION 3, OF THE ORDINANCES OF THE CITY OF DOVER.

Be it Ordained by the City Councils of the City of Dover :

That there shall be added to said section 3, of chapter xiii., "or put upon any post or pole used to sustain wires, an advertisement of any description whatever, or otherwise disfigure (them) said posts or poles."

Then section 3 will read :

No person shall wantonly injure or deface any building, fence, wall, post, signboard, or sign on lamp-post or lantern thereon, or shall wantonly cut or injure any tree standing on any street, highway or public place, or shall rob any garden or field of fruit, vegetables or flowers, or shall wantonly injure any trees, shrubs or bushes growing in any street, common or square, garden, field or yard, or shall without lawful permission climb on or over any fence of any garden or yard, or put upon any post or pole used to sustain wires any advertisement of any description whatever, or otherwise disfigure said posts or poles.

Passed October 7.

AN ORDINANCE PROVIDING FOR THE MAINTENANCE  
AND PROTECTION OF THE TELEGRAPH FIRE ALARM.

Be it Ordained by the City Councils of the City of Dover :

SEC. 1. The boxes of the telegraph fire alarm shall be located as may seem proper to the mayor and city councils, and said boards may alter and change the location of boxes, as often as the public good may require, and, so often as it may seem necessary, establish new boxes.

SEC. 2. All supplies required for maintaining said fire alarm, shall be provided by the joint standing committee on fire department.

SEC. 3. Every person who shall strike any alarm without good and sufficient cause, or shall in any way interfere with or injure the telegraphic apparatus, wires, posts or boxes, shall on conviction, pay for such offense a fine not less than five or more than twenty dollars.

SEC. 4. There shall be elected by the city councils in convention, immediately upon the passage of this ordinance, a superintendent of telegraph fire alarm, to serve without pay, whose duty it shall be to exercise a general care and watchfulness over the entire system, with a view to securing the prompt attention of the mayor and city councils to any defect, as well as to notifying the joint standing committee on fire department of any lack of supplies. Upon expiration of the current year, such superintendent shall be elected in January of each succeeding year, in manner before provided.

Passed October 7.

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AN ORDINANCE IN RELATION TO POLICE DEPARTMENT  
OF THE CITY OF DOVER.

Be it Ordained by the City Councils of the City of Dover :

That chapter iv. of the city ordinances is hereby stricken out, and the following is inserted in lieu thereof :

SEC. 1. The city councils shall appoint at the beginning of every municipal year a city marshal and an assistant marshal. They shall before entering upon the duties of their office, take before the mayor and aldermen the oath of office prescribed by law, and shall each give bond, the marshal in the sum of one thousand dollars, and the assistant marshal in the sum of three hundred dollars, with sureties, to be approved by the mayor and aldermen, for the faithful performance of the duties of his office.

SEC. 2. It shall be the duty of the city councils to fix and determine a suitable and appropriate uniform for the marshal, assistant marshal, police officers and night watchmen, and designate such badges and other marks of their official character as they deem expedient. The city marshal shall, from time to time, pass through the streets, lanes and alleys of the city, and take notice of all nuisances, obstructions, and impediments therein, and on the sidewalks thereof, and cause the same forthwith to be removed, and the authors thereof to be prosecuted according to law. He shall observe all defects and want of repair in the highways and streets, and give immediate notice thereof to the mayor and superintendent of streets to the end that the same may be amended. He shall, upon learning of any accident where the city may become liable for damages, immediately secure information concerning the same and notify the city clerk. He shall, to the utmost of his power preserve the public peace, and prevent all riots, disorders, and unlawful practices within the city. He shall carry into execution within the city the laws of the state and all the ordinances of the city, and be vigilant to detect and bring to punishment all violators thereof. He shall obey and execute the commands of the mayor and aldermen which in any way relate to the interest and security of the city and inhabitants thereof.

He shall receive all complaints made to him of any violation of an ordinance of the city, and shall, in behalf of the city, cause all offenders against such laws and ordinances to be prosecuted before the police court of City of Dover, and attend in behalf of the city at their trial. He shall lay before the mayor and aldermen once a month and oftener if required, a statement of all offences against the laws of the state and ordinances of the city, and of all prosecutions instituted by him in behalf of the city, and the result thereof. He shall immediately report in writing to the mayor all cases in the department of neglect of duty, intoxication, wilful disobedience of orders, and disrespect to superiors; fully specifying the same; and the mayor, within three days from the making of such report, shall call a special meeting of the city councils to consider and take action on the case; shall notify the officer complained of to appear at such time, and shall furnish him with a copy of the charge preferred against him. In case said officer fails to appear, and does not give a reason therefor, satisfactory to the city councils, the charges shall be considered and action taken therein as if he were present. It shall be the duty of the city marshal to collect evidence of the offence committed and submit the same to the city councils.

SEC. 3. All police officers before going on or off duty, shall report at the police station to the city marshal for orders, and in the absence of the marshal, they shall report to the assistant marshal or to the officer in charge; and no police officer shall be absent from duty without the permission of the marshal, (or in his absence) of the assistant marshal. The marshal shall fix the time and determine its length for the dinner and supper hour of the day policemen.

SEC. 4. The said marshals and police officers of the city shall, in case of fire, repair to the place where the fire may

be, and attend diligently to the preservation of the public peace, the prevention of thefts, and the loss and destruction of property.

SEC. 5. The city councils shall annually in the month of March, appoint seven police officers, one of whom shall be stationed at Sawyer's Mills, to serve from seven o'clock p. m. to four o'clock a. m. of each day. The marshal and two police officers shall be on duty from seven o'clock a. m. to ten o'clock p. m. of each day; the assistant marshal and four police officers shall be night watchmen. Two of the night watchmen shall be on duty from ten o'clock p. m. to six o'clock a. m., and two of the night watchmen shall be on duty from eight o'clock p. m. to four o'clock a. m., except that one night watchman shall be on duty from six o'clock a. m. to seven o'clock a. m., and that the marshal may make such changes in the hour for coming on and going off duty of the night watchmen as to him seems necessary. None of the officers named in this section shall hold any office not named in this chapter. Night watchmen on their beats shall not walk together unless it be to communicate information or render assistance to each other; nor shall they while on duty, unnecessarily remain in or about the police station.

Sec. 6. The assistant marshal shall, when on duty, pass in and about the streets, lanes, and alleys of the city, to prevent danger by fire, and to see that order is kept and that all disturbances and disorders are prevented and suppressed, and for that purpose, he as well as any of the night watchmen, shall have authority to examine all persons whom they may see walking abroad in the night after ten o'clock, whom they may have reason to suspect of any unlawful design, and to demand of them their business abroad at such a time and whither they are going; to enter any house of ill-fame, dram-shop or cellar, or other buildings, for the purpose of sup-

pressing any riot or disturbance therein, and to arrest any persons there found making or abetting in such riot or disturbance; and all persons so found walking abroad, or suspected of any unlawful design as aforesaid, who shall not give a satisfactory account of their so being abroad and their business, and all persons so arrested in such houses of ill-fame, dram-shop or other building, shall be secured by imprisonment or otherwise, to be safely kept until the next morning, and shall then be taken before the police court to be examined and proceeded with according to the nature of the offence. He shall be responsible for the conduct of the police officers associated with him as night watchmen while acting together, and shall report all cases of neglect of duty to the city marshal.

SEC. 7. Each police officer shall devote his whole time and attention to the business of the department, and he shall follow no other calling, or be employed in any other business. And although certain hours are allotted to the respective members for the performance of duty on ordinary occasions, yet at all times they shall be prepared to act immediately on notice from the mayor or city marshal that their services are required.

SEC. 8. The city councils may at any time, by vote, remove from office either of the marshals, and appoint a successor or successors. They may also, in case of death or resignation of either of said marshals, appoint another in his place. The city councils may at any time, appoint special policemen to serve without pay. The persons thus appointed shall be subject to the provisions of the city ordinances, so far as the same are applicable, but shall not unnecessarily frequent, or remain in the police station.

SEC. 9. Each officer when on duty shall constantly wear the uniform prescribed, unless otherwise ordered. Every



officer shall be familiar with the city ordinances pertaining to the police department. No stable team shall be hired for use by the department, unless ordered so to be hired by the city marshal or assistant marshal in his absence. No member of the department shall enter any drinking or gambling saloon, house of ill-fame, or other disreputable place for any purpose whatsoever, apart from his official duty. No member of the department shall leave the city without the permission of the mayor, and the city marshal and the assistant marshal shall not both be absent from the city at the same time.

No member of the department shall become bondsman for any person under arrest, or on trial. Each police officer and night watchman shall treat his superior officers with respect, and in his demeanor to his associates on the force, be courteous and considerate, guarding himself against jealousy, or other unfriendly feeling, and refraining from all communications to their discredit, except to his superior officers, whom it shall be his duty to inform of every neglect or disobedience of orders that may come to his knowledge. The marshal and day policeman shall discharge the duties of truant officers. The assistant marshal and all police officers shall make promptly to the marshal all such reports of their official acts and proceedings and at such times as he shall direct, with a view to having a complete and accessible record of the department. No member of the department shall smoke on the street.

SEC. 10. The assistant marshal, police officers and night watchmen, upon receiving any fees in any criminal case as witnessess or for services of any process, whether as assistant marshal, police officer, night watchman, or constable, including all such fees in the supreme court, or for any services in behalf of the city, or any penalties, shall forth-

with pay the same to the marshal. The marshal shall keep an account of all moneys thus received from his assistants in a book open to inspection, and an account of all moneys received by him in any criminal cases, as witnesses or for service of any process, whether as marshal, police officer or constable, including all such fees in the supreme court, or for any service in behalf of the city, or any penalties, and on Monday of each week shall pay the same to the city treasurer, who shall receipt for the same in said book, and the marshal shall present said book at the regular monthly meeting of the aldermen.

SEC. 11. The clerk of the police court shall, at the expense of the city, furnish all blanks used in said court, and except in criminal cases authorized by the city solicitor or marshal, shall sell the same as follows: For each blank writ of attachment with summons, and each blank trustee writ, five cents; and for each blank complaint with warrant, the sum of three cents. In a book for that purpose, open to inspection, he shall keep an account of all sales and of all official fees of every nature, including fees for any and all copies, and shall monthly, and at the time he receives his salary, account therefor and pay the amount thereof to the city treasurer, who shall receipt therefor in said book.

SEC. 12. The additional police officer herein provided for, shall be elected immediately on the passage of this ordinance.

SEC. 13. All ordinances and parts of ordinances inconsistent with this ordinance are hereby repealed.

Passed February 3, 1887.

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#### TAX DISCOUNT.

Be it Ordained by the City Councils of the City of Dover :

SEC. 1. A discount of five per centum shall be allowed



on all taxes assessed in 1887, and paid in full on or before July 15, 1887.

SEC. 2. The collector of taxes shall collect all taxes committed to him in money.

SEC. 3. All ordinances and parts of ordinances inconsistent herewith are hereby repealed.

Passed May 26, 1887.

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Be it Ordained by the City Councils of the City of Dover :

That the words "seven hundred and fifty" in section 12, chapter xv., of the city ordinances are hereby stricken out and the words "one thousand" inserted in lieu thereof.

Passed June 7, 1887.

## APPROPRIATIONS FOR 1888.

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Highways, and unappropriated money to make in all \$12,000.00.....	\$8,000 00
Fire department.....	8,475 00
Miscellaneous.....	2,650 00
Police, and unappropriated money to make in all \$7,000.00.....	4,000 00
Salaries.....	3,800 00
Printing and Stationery.....	900 00
Bridges.....	2,500 00
Repair of school houses.....	2,300 00
Electric lights.....	8,000 00
Sewers.....	1,500 00
Evening schools, unappropriated money, \$900.	
Schools in excess.....	5,850 00
Text books.....	1,300 00
Sidewalks.....	1,500 00
Paupers.....	1,500 00
Support of prisoners.....	350 00
Health.....	300 00
House to house committee.....	100 00
Cemetery.....	600 00
Cemetery wall, house of reception, etc., unap- propriated money not to exceed \$4,100.00.	
Lands and buildings.....	2,000 00

Interest.....	8,764 00
Cleaning school houses and vaults.....	250 00
Special: \$4,000 for tax discount, from unap- propriated money.	
Public library.....	3,200 00
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	\$67,939 00

Schools, by law, as fixed by law.

County tax, as fixed by law.

State tax, as fixed by law.

## CITY EXPENSES FOR 1887.

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*Being an Itemized Account made up from the Books of the  
City Clerk, of the Payments made by the City Treasurer.*

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The joint standing committee on finance present the following statement of all expenditures from December 31, 1886, to December 31, 1887. Items of payment to the same individual at sundry times are included in the aggregate amount given, if paid for the same objects. The treasurer's report will show in some instances, payment of checks kept over from 1886. Every effort has been made to pay all the bills for the current year.

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### STATE TAX.

ANNUAL APPROPRIATION, \$18,700.00

Solon A. Carter, State Treasurer,..... \$18,700 00

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### COUNTY TAX.

ANNUAL APPROPRIATION, \$12,888.26

Charles S. Cartland, County Treasurer..... \$12,888 26

## COUPON INTEREST.

ANNUAL APPROPRIATION, \$9,400.00

City Bonds.....	\$8,838 00
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## SCHOOLS.

ANNUAL APPROPRIATION, \$21,062.50

Isaac F. Abbott, School Treasurer.....	\$21,412 50
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## EVENING SCHOOL.

ANNUAL APPROPRIATION, \$450.00

Isaac F. Abbott, School Treasurer.....	\$450 00
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## CEMETERY.

ANNUAL APPROPRIATION, \$1,350 00

J. F. Shapleigh, labor.....	\$209 25
John D. Longlettee, labor.....	25 50
James Godard, labor.....	19 50
George E. Whipp, labor.....	20 25
Patrick Cassidy, labor.....	9 00
A. Littlefield, labor.....	32 50
John Gray, labor.....	124 50
John Welch, labor.....	217 50
C. L. Jenness, hardware.....	8 92
Foot & Snell, hardware.....	4 00
Littlefield, Frary & Co., hardware.....	3 40
J. B. Folsom & Co., paint, etc.....	13 35
A. J. Roberts, paint, etc.....	3 27
D. Foss & Son, stock.....	62 65

Converse & Hammond, stock.....	43 71
Samuel Hussey, team work.....	3 00
Day Brothers, stone for wall.....	380 00
B. & M. railroad, freight on stone for wall.....	84 00
Freeman Babb, hauling stone for wall.....	39 00
D. and C. P. Chesley, laying wall.....	155 00
	<hr/>
	\$1,458 30

## HEALTH.

### ANNUAL APPROPRIATION, \$300.00

C. A. Fairbanks, city physician.....	\$100 00
Fairbanks, Hall and McCooey, house to house committee.....	100 00
J. F. Seavey, team hire.....	18 75
James McCooey, six months salary.....	17 50
C. H. Hall, six months salary.....	17 50
S. R. Leighton, abating nuisances.....	2 00
J. B. Quaid, abating nuisances.....	1 00
Henry Sterling, abating nuisances.....	50
W. S. Waitt, abating nuisances.....	28 75
James McPhillips, abating nuisances.....	25 50
James O'Brien, abating nuisances.....	1 00
James Roberts, abating nuisances.....	1 00
L. Colbath, abating nuisances.....	1 50
George N. Bowers, abating nuisances.....	1 00
Michael Grimes, abating nuisances.....	50
G. W. Caswell, abating nuisances.....	9 00
James Gardner, abating nuisances.....	50
B. P. Wentworth, abating nuisances.....	3 00
Owen McGuigan, abating nuisances.....	1 00
Con. Buckley, abating nuisances.....	5 00

Harry Frost, abating nuisances.....	50
G. M. Gray, posting notices.....	4 00
Check from 1886.....	11 50
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	\$351 00

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### PUBLIC LIBRARY.

ANNUAL APPROPRIATION \$3,300.00.

Isaac F. Abbott, treasurer.....	\$3,300 00
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### PUBLIC WATER WORKS.

Niles & Co., express.....	40
J. B. Quaid, paid for passing circulars.....	3 00
G. M. Gray, paid for passing circulars.....	3 00
W. U. Telegraph Company.....	1 12
R. W. Welch, printing.....	64 50
Scales & Quimby, printing.....	58 70
George J. Foster & Co., printing.....	51 50
Percy M. Blake, engineer.....	1,621 53
	<hr/>
	\$1,803 75

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### LAMPS AND LAMP POSTS.

ANNUAL APPROPRIATION, \$4,000.00

Coleman & Cushing, oil.....	\$ 40
C. H. Cushing, oil.....	4 65
Harry A. Beede, lighting lamp.....	5 00
E. O. Pray, lighting lamp.....	5 00
R. A. Currier, lighting lamp.....	5 40

Eugene Smart, repairs.....	11 50
A. J. Roberts, repairs.....	8 85
Littlefield, Hill & Co., repairs.....	4 80
Moulton, Cate & Co., repairs.....	32 63
H. E. Canney, team hire.....	20 00
Charles E. Jenness, team hire.....	1 50
Dover Foundry, castings.....	63 76
Dover Gas Light Company, six months ending June 30, for one hundred and sixty-eight street lamps at \$14.90.....	1,251 60
- Dover Gas Light Company:	
City Hall.....	523 80
Steam fire engine house.....	76 80
Hook and Ladder house.....	4 60
Six months ending Dec. 31, for one hundred and sixty-eight street lamps at \$14.90	1,043 00
One lamp four months.....	4 96
City Hall.....	180 40
Steam fire engine house.....	64 60
Hook and Ladder house.....	10 60
Ward house, Ward 1.....	20
Ward house, Ward 4.....	40
Labor and stock.....	146 47
Dover Electric Company.....	387 40
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	\$3,858 32

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## PAUPER DEPARTMENT.

ANNUAL APPROPRIATION 1,500.00.

George W. Gray, 2nd, overseer.....	\$1,314 15
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## PRINTING AND STATIONERY.

APPROPRIATION \$500.00.

J. Ottman, check books.....	\$14 50
“ claim books.....	25 50
T. Groome & Co., collector's book.....	1 75
“ assessors' book.....	18 75
Morrill & Co., assessors' book.....	3 15
“ ruled blanks.....	1 75
J. Carter & Co., blanks.....	50
“ book paper.....	3 64
Graylock Pen Company, pens.....	1 50
A. H. Murray & Co., stationery.....	3 75
E. B. Lane, stationery.....	36 99
C. W. Smith, stationery.....	11 41
Scales & Quimby, printing.....	194 55
George J. Foster & Co., printing.....	166 00
R. W. Welch, printing.....	325 00
Ed. L. Howes, printing.....	4 00

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 \$812 74

## BRIDGES.

ANNUAL APPROPRIATION \$1,600.00.

C. L. Jennes, hardware.....	\$40 56
J. Herbert Seavey, hardware.....	39 27
Ira A. Randall, oak plank.....	37 44
C. H. Trickey & Co., hauling.....	5 00
H. F. Snow, coal tar and labor....	25 50
John F. Torr, plank.....	223 24
Mary D. Thompson, plank.....	116 24
John Drew, plank.....	327 46

Demeritt & Burnham, plank.....	513 67
D. Foss & Son, plank.....	11 00
Converse & Hammond, plank.....	11 07
J. C. Thompson, plank.....	107 40
Boston & Maine, freight.....	8 00
J. V. & D. E. Hanson, stock and labor.....	543 75
Demeritt & Burnham, from 1886.....	23 05
	<hr/>
	\$2.032 65

### REPAIR OF SCHOOL HOUSES.

ANNUAL APPROPRIATION \$2,500.00.

Portsmouth Machine Company.....	\$ 95
M. Gilman, trucking.....	5 40
A. A. Cheeney, trucking.....	4 05
Foot & Snell, hardware.....	33 79
Charles Duford, concreting.....	144 95
W. W. Carman, repairs on high school heater...	48 80
George A. Webster, stock and labor.....	280 05
Moulton, Cate & Co., stock and labor.....	142 22
John F. Tibbetts, stock and labor.....	191 28
Asa S. Baker, stock and labor.....	234 63
Dover Gas Light Company, stock and labor....	145 81
Beckford & Fuller, stock and labor.....	56 85
Harris M. Shaw, stock and labor.....	146 34
W. S. Nichols, stock and labor.....	174 97
Lothrop & Pinkham, sundries.....	2 30
A. J. Roberts, sundries.....	97
Eugene Smart, sundries.....	3 05
L. B. Lougee, sundries.....	1 80
Littlefield, Hill & Co., sundries.....	1 00
John St. John, sundries.....	75

Samuel St. John, sundries.....	75
James F. Horne, sundries.....	1 12
Elijah Willey, sundries.....	2 00
Palmer & Corson, mason work.....	47 35
H. S. Emerson & Co., painting.....	62 43
Isaac L. Lucas, digging well.....	219 38
Woodman Brothers, trucking.....	3 75
C. A. Davis, trucking.....	3 50
W. T. Perkins, labor.....	1 15
Smart & Applebee, labor.....	65
A. G. Whitcom, furniture.....	16 50
C. W. Wiggin & Son, furniture.....	1 10
A. H. Andrews & Co., furniture.....	351 82
Winchester Furniture Company, furniture.....	10 00
J. A. Swazey, blackboards.....	35 76
C. L. Jenness, hardware.....	11 62
D. Foss & Son, stock.....	16 39
Converse & Hammond, stock.....	25 12
William Corson, labor.....	21 20
A. A. Cheeny, labor.....	23 46
Asa S. Baker, labor.....	5 00
J. H. Hodgdon, labor.....	2 50
Patrick Cassily, labor.....	7 50
C. A. Davis, labor.....	5 00
N. Twombly & Son, labor.....	154 72
J. F. Seavey, teams.....	4 00
Horne & Wessenger, labor.....	1 45
	<hr/>
	\$2,655 18

### CLEANING SCHOOL HOUSES.

ANNUAL APPROPRIATION, \$250.00

Lewis Steuerwald.....	\$11 00
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William Corson.....	3 00
G. R. Pinkham.....	4 00
G. H. Patterson, pay-roll.....	65 00
Horace Emerson, pay-roll.....	86 11
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	\$169 11

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### SUPPORT OF PRISONERS.

ANNUAL APPROPRIATION, \$350.00

County of Strafford.....	\$80 49
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### DOG FUND.

J. Y. McDuffee.....	\$17 50
Bracket Hayes.....	4 00
William M. Courser.....	8 00
William T. Wentworth.....	8 00
Moses Meader.....	4 00
S. W. Hatch.....	45 00
G. W. Page.....	56 00
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	\$142 50

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### COURT ROOM.

E. B. Lane, border.....	\$10 88
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### SIDEWALKS.

ANNUAL APPROPRIATION, \$2,200.00

J. V. and D. E. Hanson, stock and labor.....	\$28 08
W. L. Elder, stock and labor.....	10 67

Converse & Hammond, stock and labor.....	4 63
Bodwell & Veasey, stock and labor.....	4 90
G. H. Horne & Co., bricks.....	478 55
Freeman Babb, payrolls.....	602 12
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	\$1,128 95

### SEWERS.

#### ANNUAL APPROPRIATION, \$1,500.00

B. & M. railroad.....	\$ .85
Eugene Smart, labor.....	11 00
Thatcher White, steamer pay-roll.....	13 50
Converse & Hammond, stock and labor.....	139 67
Lowell Iron Foundry, traps.....	167 82
G. W. Horne & Co., bricks.....	271 59
Dover Cement, Drain and Sewer Pipe Company	1,297 94
Freeman Babb, pay-rolls.....	1,693 96
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	\$3,596 33

### SALARIES.

#### ANNUAL APPROPRIATION, \$3,500.00

George G. Lowell, mayor.....	\$500 00
J. B. Stevens, Jr., city clerk.....	800 00
George H. Demeritt, city messenger.....	600 00
Robert G. Pike, city solicitor.....	300 00
Board of Assessors, service.....	800 00
Isaac F. Abbott, city treasurer.....	200 00
Joseph E. Porter, clerk of common council....	100 00
M. I. Hayes, moderator (council vote).....	9 00
Joseph Hayes, moderator (council vote).....	9 00

J. C. Caverly, moderator (council vote).....	9 00
C. A. Fairbanks, moderator (council vote.)....	9 00
J. M. Hayes, moderator.....	9 00
Wm. H. Gorman, moderator.....	3 00
C. A. Fairbanks, moderator.....	3 00
R. G. Pike, moderator.....	4 00
Isaac L. Lucas, selectman.....	6 00
T. A. Young, selectman.....	12 00
John Thompson, selectman.....	6 00
Alvah Moulton, selectman.....	6 00
William H. Tibbetts, selectman.....	6 00
M. J. Galligher, inspector.....	2 50
Emmon Bolo, inspector.....	2 50
J. W. Place, inspector.....	5 00
S. H. Hull, inspector.....	5 00
H. F. Bodge, inspector.....	5 00
James McNally, inspector.....	5 00
Thomas Caverno, inspector.....	5 00
Joseph E. Porter, inspector.....	2 50
C. A. Davis, inspector.....	5 00
George E. Varney, inspector.....	5 00
J. W. Rines, supervisor.....	42 00
George B. Palmer, supervisor.....	42 00
Ephraim M. Jnoes, supervisor.....	42 00
Robert McMahon, supervisor.....	42 00
Ed. J. York, supervisor.....	42 00
S. H. Goodwin, clerk.....	12 00

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\$3,655 50

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### POLICE DEPARTMENT.

ANNUAL APPROPRIATION \$7,000.00.

Arthur F. Howes, printing.....	\$3 50
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George J. Foster & Co., printing.....	2 20
Robert W. Welch, printing.....	67 80
E. B. Lane, stationery.....	1 45
W. U. Telegraph Company.....	1 58
C. H. Horton, police court docket, etc.....	13 75
W. S. Wiggin, crackers, fish, etc.....	1 03
E. M. Swan, crackers, fish, etc.....	7 80
Tasker & Cartland, crackers, fish, etc.....	14 66
George W. Parker, team hire.....	3 50
H. E. Canney, team hire.....	3 00
Valentine Mathes, fuel.....	19 60
Littlefield, Hill & Co., repairs.....	2 43
Niles & Co., express.....	1 05
James Rafferty, cleaning cells.....	5 00
J. K. Purinton & Son, nine helmets.....	31 00
R. Burleigh, special.....	3 28
State Industrial School, board of inmates.....	39 00
James Fogerty, travelling expenses, carriage of prisoners, etc.....	39 20
John Canney, travelling expenses, carriage of prisoners, etc.....	14 50
George Emerson, special officer.....	39 43
John S. Stackpole, special officer.....	1 64
Thomas Agnew, special officer.....	3 28
George Pray, special officer.....	9 84
Walter Sterling, special officer.....	6 56
Newell Young, special officer.....	8 20
George Wingate, special officer.....	1 64
Ezra Hayes, special officer.....	3 28
I. G. Frisbee, special officer.....	1 64
A. G. Whittemore, clerk police court.....	300 00
George S. Frost, judge.....	800 00
Charles A. Tufts, associate judge.....	26 00

Thomas Fody, regular police officer.....	532 98
Edward Willand, regular police officer.....	603 28
Thomas Wilkinson, regular police officer.....	603 28
Charles Fenniker, regular police officer.....	603 28
John H. Otis, regular police officer.....	603 28
Charles E. Stevens, regular police officer.....	603 28
Edgar Caverly, regular police officer.....	603 28
John Canney, assistant marshal.....	727 51
James Fogerty, marshal.....	890 94
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	\$7,247 95

## FIRE DEPARTMENT.

ANNUAL APPROPRIATION, \$10,475.00

Boston Woven Hose Company, hose, couplings, etc.....	\$82 45
Bourne, Scrymser & Co., oil.....	12 25
C. H. Trickey & Co., coal.....	90 45
Moulton, Cate & Co., repairs.....	15 20
J. Herbert Seavey, hardware.....	6 54
William H. Vickery, horse medicine.....	2 78
Coleman & Cushing, grain.....	17 15
J. F. Wessenger, stock and labor.....	2 25
Charles H. Cushing, grain.....	71 65
Joseph S. Abbott, team hire, express, labor, etc	29 32
Thomas Agnew, shovelling snow from reservoirs	33 00
Dover Foundry, castings .....	47 00
I. B. Williams & Sons, steam gong.....	104 25
Cochecho Aqueduct Association, labor and pipe	75 76
Boston & Maine railroad, freight.....	9 57
Boston Belting Company, oil.....	5 00
Sawyer Woolen Mills, labor.....	21 03



J. B. Folsom & Co., stock and labor.....	42 64
Walter T. Perkins, repairs.....	37 89
William Crawford, labor on electric alarm.....	11 25
Robert W. Welch, printing.....	36 50
George J. Foster & Co., printing.....	15 00
Scales & Quimby, printing.....	3 00
Samuel Hussey & Brother, labor.....	5 50
Cyrus L. Jenness, hardware.....	8 35
Henry E. Hall, shoeing horses.....	32 15
John H. Fuller, harness oil.....	5 60
J. Frank Seavey, team.....	1 50
Charles C. Dorr, labor.....	4 35
George H. Churbuck, sundries.....	2 98
Bishop & Shaw, labor.....	17 26
E. J. Lane, stationery.....	1 55
Charles W. Tuttle, labor.....	8 00
J. Darville, rent of building.....	3 00
B. D. Stewart, labor.....	1 87
Daniel E. Hanson, labor.....	47 12
Littlefield, Hill & Co., repairs.....	10 86
O. K. Wormwell, trucking.....	3 00
S. R. Leighton, trucking.....	8 50
W. L. Richmond, labor.....	7 50
H. W. Sutherland, labor.....	10 50
George P. Palmer, oil.....	3 00
James A. Thompson, steward steam fire engine house.....	675 25
Edwin Rogers, electrical apparatus.....	498 01
Manchester Locomotive Works, repairing steamer	896 00
John T. Langford, hydrant service work.....	2,712 00
Board of Engineers.....	365 13
Cochecho Hose Company.....	1,480 00
Hook and Ladder, Company.....	1,021 81
Steamer No. 2.....	450 13

Steamer No. 3.....	905 00
Steamer No. 4.....	865 15
O. W. Coleman.....	91 00
Telephone Company, check of 1886.....	6 25
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	\$10,920 25

## PUBLIC BUILDINGS.

### ANNUAL APPROPRIATION \$500.00.

Henry Sterling, trucking.....	\$12 40
Eugene Smart, keys.....	1 50
C. W. Langley, labor.....	2 91
Swampscott Machine Company, radiator.....	10 50
C. W. Wiggin & Son, furniture.....	115 00
W. A. Morrill, carpeting, etc.....	38 77
Littlefield, Hill & Co., repairs.....	4 16
Atlantic Tea Company, sundries.....	2 25
Charles L. Bly, electric lighting machine.....	115 00
Daniel E. Hanson, stock and labor.....	48 13
G. A. Webster,                    “                    .....	9 00
Palmer & Corson,                “                    .....	24 19
H. E. Canney,                    “                    .....	102 86
J. B. Folsom & Co.,             “                    .....	56 59
H. S. Emerson & Co.,          “                    .....	28 09
W. T. Perkins,                   “                    .....	198 71
Moulton, Cate & Co.,          “                    .....	5 40
J. V. & D. E. Hanson,          “                    .....	31 36
J. Herbert Seavey, hardware.....	15 60
C. L. Jenness, hardware.....	26 47
W. D. Folsom, stock and labor.....	24 50
Ira E. Symes,                    “                    .....	21 50
N. Twombly & Son,             “                    .....	7 50
John W. Horne,                  “                    .....	1 50

Valentine Mathes, removing ashes .....	10 25
R. W. Welch, printing.....	4 00
William H. Vickery, stationery.....	18 19
James A. Goodwin, labor.....	2 00
M. McBennett, labor.....	3 75
Hugh Kelley, labor.....	3 50
William Farley, labor.....	3 50
Owen Markey, labor.....	2 25
J. N. Whalen, labor.....	2 00
G. M. Gray, labor.....	128 00
Fred. Welch, labor .....	223 25
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	\$1,304 58

### MISCELLANEOUS EXPENSES.

ANNUAL APPROPRIATION \$2,500.00.

George B. Prescott, insurance on public build- ings.....	\$107 50
Henry A. Redfield, insurance on public build- ings.....	181 00
Daniel H. Wendell, insurance on public build- ings.....	145 00
Charles A. Tufts, insurance on public buildings,	95 63
Crawford & Towles, insurance on public build- ings.....	88 50
J. B. Stevens Jr., recording and making copy vital statistics.....	106 95
Frank E. Rollins, clerk of ward one.....	18 50
E. J. Lane, text books for indigent pupils.....	11 40
H. W. Stevens, three days labor.....	6 00
Mark F. Nason, box rent and postage.....	19 00
Estate of Daniel Trefethen, watering trough...	3 00

Frank S. Tomkins, recording and copies.....	2 25
Troy Rubber Stamp Company, stamps.....	5 25
Niles & Co., express.....	1 80
William Cody, washing floor.....	1 00
Silsby & Son, blank book.....	2 65
American Express.....	35
M. Killoren, brooms, etc.....	1 10
Charles A. Dorr, letter box and plate.....	3 45
Lion Platinum Pen Company, pens.....	3 00
W. R. Brown, team hire.....	3 00
William Penn Tuttle, watering trough.....	10 00
R. W. Welch, printing notices, etc.....	24 25
A. F. Howes, printing notices, etc.....	14 75
C. H. Trickey & Co., coal.....	358 43
Valentine Mathes, wood.....	3 38
C. W. Wiggin & Son, furniture.....	7 75
Charles H. Horton, binding assessors' books...	17 05
C. S. Morgan, blank paper.....	4 50
Thomas Groom & Co., assessors' books.....	25 00
J. B. Stevens, Jr., preparing city reports.....	50 00
J. Frank Seavey, team hire.....	22 00
Henry Sterling, trucking.....	75
R. W. Welch, printing.....	8 50
H. E. Canney, teams.....	13 50
B. D. Stewart, labor.....	1 52
W. U. Telegraph, messages.....	29
B. & M. railroad, freight.....	13 50
Ham & Haley, rent of Garrison Hill.....	200 00
Benjamin Collins, engineering and pay-roll of laborers.....	170 29
Robert G. Pike, travelling expenses.....	57 13
Thomas M. Pray, legal services.....	25 00
Board of Assessors, extra services.....	30 00
A. J. Seavey, veterinary services.....	8 75

Niles & Co., express.....	1 50
George H. Clapp, typewriter.....	103 00
Hammond Company, supplies.....	7 00
Nathaniel Clough, numbering houses.....	68 05
F. O. Marshal, street signs.....	25 98
James H. Davis, numbering houses.....	43 50
S. S. Jenkins, numbering houses.....	63 00
John Killoren, numbering houses.....	30 00
George T. Jordan, numbering houses.....	33 00
John W. Howe, lettering street signs.....	73 47
Lyman Lougee, labor with signs.....	9 25
Thomas Bennett, labor with signs.....	3 00
James McKenna, labor with signs.....	2 62
Goodwin & Wightman, numbers.....	280 37
W. H. Bacon and others, trimming trees.....	157 92
J. F. Horne and others, trimming trees.....	75 38
S. H. Hull and others, trimming trees.....	38 25
Hugh Kelley, removing branches of trees.....	180 00
Samuel St. John, trimming trees.....	29 75
John St. John, trimming trees.....	42 00
William H. Ham, trimming trees.....	11 25
A. W. Mitchell, damage to door.....	2 15
Hefferon & O'Brien, trimming trees.....	66 75
Flannigan & Rogers, trimming trees.....	161 25
F. L. Markey, ladder.....	4 00
W. L. Lucas, ladder.....	2 00
D. H. Wendell, pane of plate glass.....	36 00
Bishop & Shaw, labor.....	6 45
William K. Porter, one pair horses.....	680 40
John McGlone labor.....	50
J. V. and D. E. Hanson, labor and stock.....	43 64
George S. Frost, expense at Concord.....	13 75
Daniel Hall, labor at Concord.....	76 00
Timothy Hussey, expense buying horses.....	14 00

A. T. Pierce, dinner to county committee.....	10 50
John R. Ham, attendance in court.....	19 50
Henry R. Parker, attendance in court.....	25 00
John R. Parsons, attendance in court.....	60 00
S. S. Chick, deputy sheriff, verdict and costs in Trask case.....	3,851 18
George E. Durgin, clerk, verdict and costs in Trask case.....	109 49
George McKenna, damage to person.....	200 00
Esther Hill, land damage.....	200 00
Melvin A. Lewis, land damage.....	100 00
Stephen Austin, land damage.....	135 00
Sawyer Post, G. A. R., gratuity.....	200 00
Strafford Guards, gratuity.....	100 00
G. G. Lowell, travelling expenses.....	13 14
Samuel Hussey and others, Fourth of July.....	300 00
Eugene Smart, labor.....	17 35
G. W. Parker, horse hire.....	5 00
Jonathan Wentworth, labor.....	10 00
D. and C. P. Chesley, building bank wall.....	269 22
J. J. James, ruler and pen.....	85
W. U. Telegraph Company, message.....	84
Eugene Demeritt, serving notices.....	1 00
Henry Sterling, trucking.....	1 25
Charles E. Bacon, care old town clock.....	15 00
Ed. Peirce, labor.....	2 00
Dennison Manufacturing Company, seals, blanks, etc.....	5 13
J. V. and D. E. Hanson, labor.....	12 75
Joseph S. Abbott, sprinkling about hall.....	13 55
G. W. Parker, teams for messenger.....	49 50
William H. Vickery, text-books for indigent pupils.....	12 76

E. J. Lane, text-books for indigent pupils.....	34 48
Lothrop & Pinkham, text-books for indigent pupils.....	36 17
C. W. Smith, text-books for indigent pupils....	27 13
H. C. Goodwin, text-books for indigent pupils.	23 83
Fred Welch, work in opera house.....	9 00
G. M. Gray, work in opera house.....	6 00
E. W. Hodsdon, reporting deaths.....	1 25
J. S. Daniels, reporting births and deaths.....	17 50
T. J. W. Pray, reporting births and deaths....	42 50
C. M. Hutchins, reporting death.....	1 25
M. B. Sullivan, reporting births and deaths....	93 25
J. R. Ham, reporting births and deaths.....	13 75
C. A. Fairbanks, reporting births and deaths...	14 25
W. H. Vickery, vaccine points.....	9 75
Telephone Company, four instruments.....	140 41
Dover Aqueduct Company, six months ending July 1.....	31 00
Cochecho Aqueduct Company, six months ending July 1.....	343 50
Dover Landing Aqueduct Company, six months ending July 1.....	53 00
Foot & Snell, hardware.....	1 06
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	\$8,539 79

## HIGHWAYS.

ANNUAL APPROPRIATION \$14,000.00.

John Lucas, labor.....	\$20 00
William I. Tibbetts, labor.....	2 50
Asa S. Baker, labor.....	26 00
Thomas Bennett, labor.....	1 41

W. H. Johnson, labor.....	1 35
Ivory Varney, labor.....	7 50
Robinson Rea Manufacturing Company, parts for crusher.....	68 00
J. Winston, parts for crusher.....	16 41
Beach Soap Company, soap.....	5 25
Henry Martyn, oil.....	11 50
J. V. and D. E. Hanson, stock and labor.....	80 98
J. S. Abbott, stock and labor, per contract.....	135 27
D. & C. P. Chesley, stock and labor, per con- tract.....	279 74
Freeman Babb, stock and labor, per contract...	536 58
Boston & Maine Railroad, freight.....	35 20
Daniel E. Hanson, stock and labor.....	53 36
Foot & Snell, hardware.....	113 53
J. Herbert Seavey, hardware.....	333 24
Charles H. Mills, trucking.....	2 75
B. P. Wentworth, trucking.....	11 15
Henry Sterling, trucking.....	17 10
Woodman Bros., trucking.....	1 35
E. B. Mills, trucking.....	3 25
M. B. Hutchins, veterinary service.....	69 00
J. T. W. Ham, blankets.....	35 50
C. H. Trickey & Co., coal.....	66 09
W. H. Wheeler, blanks and time books.....	12 80
Bourne, Scrymser Company, oil.....	26 23
Littlefield, Hill & Co., repairs.....	1 05
J. F. Wessenger, stock and labor.....	358 20
Albert Varney, hay and bedding.....	17 12
Nathaniel Frost, hay and bedding.....	67 22
Towle Brothers, hay and bedding.....	95 38
J. W. Towle, hay and bedding.....	58 69
J. F. Worcester, hay and bedding.....	8 25
A. G. Thompson, hay and bedding.....	5 31



J. J. Hanson, hay and bedding.....	40 00
I Thompson, hay and bedding.....	9 20
D. H. Evans, hay and bedding.....	27 18
H. M. Roberts, hay and bedding.....	68 86
Lebbeus Hill, hay and bedding.....	173 25
George Jackson, hay and bedding.....	26 61
Charles F. Furbish, blacksmith work.....	14 25
Hall & Emerson, stone and labor.....	169 60
Lowell's Iron Foundry, traps.....	14 25
E. B. Lane, time books.....	1 35
I. B. Williams & Sons, sundries.....	2 24
Coleman & Cushing, sundries.....	58
Henry Tasker, gravel.....	44 33
Henry Seyward, gravel.....	195 00
J. S. Hurd, gravel.....	7 07
Nute & Wolcott, grain.....	216 60
Valentine Mathes, grain.....	250 70
J. A. Clough & Son, grain.....	214 36
G. M. Howard, labor.....	7 00
E. R. Wadleigh, labor.....	10 50
D. M. Howard, labor.....	2 00
J. Varney, labor.....	8 00
E. Kenniston, labor.....	3 00
S. Hussey & Brother, labor.....	3 50
John Canney, labor.....	3 50
Thomas Welch, wire for fence.....	7 00
Eugene Smart, labor.....	2 25
C. L. Jenness, hardware.....	84 46
John P. Lowell, sundries.....	2 07
Converse & Hammond, stock.....	100 84
Whitehouse & Pinkham, sundries.....	18 92
Moulton, Cate & Co., sundries.....	30 40
W. T. Perkins, repairs on crusher.....	87 01

*District No. 1.*

Freeman Babb's pay-roll..... \$10,556 98

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*District No. 4.*

George E. Pray.....	\$23 00
Moses Hussey.....	45 30
Charles Hussey.....	12 00
F. Babb.....	33 50
John Goodwin.....	7 50
John Meehan.....	6 75
Fred Henderson.....	22 50
Frank Page.....	24 30
Harry Page.....	22 20
George W. Page.....	48 20
John Twombly.....	16 50
George Littlefield.....	34 65
Will Babb.....	2 25
Seth Roberts.....	2 25
John Blank.....	60
Henry Tasker.....	25
W. S. Babb.....	5 55
Will Peavey.....	13 20
Frank Howard.....	7 50
John Hussey.....	5 25
Frank Henderson.....	17 85
Walter Gage.....	1 50
George Webster.....	75
Ivory Varney.....	8 30
Allen Smith.....	12 30
W. T. Page.....	40 80
George Hanson.....	6 15
Eugene Hussey.....	6 00

Freemont Littlefield.....	1 50
Joseph Page.....	3 75
Joseph Gilman.....	17 40
Charles Cutting.....	1 50
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	\$451 05

*District No. 5.*

Daniel Gage.....	\$33 75
George E. Webster.....	25 20
W. F. Gage.....	47 40
Ira H. Hussey.....	3 60
Charles H. Hussey.....	1 80
Charles Hussey.....	13 95
Frank Bickford.....	13 80
Frank Henderson.....	2 40
Samuel Giles.....	2 40
Cyrus Smith.....	12 90
C. Blaisdell.....	1 65
B. K. Hussey.....	75
Ivan Blaisdell.....	1 05
Will Babb.....	6 75
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	\$167 40

*District No. 6.*

E. E. Cooke.....	\$10 80
H. R. Cooke.....	10 50
S. E. Corson.....	1 65
H. Corson.....	57 00
T. Welch.....	21 30
D. Gage.....	12 45

M. Lord.....	20 60
E. C. Varney.....	12 30
J. Varney.....	12 60
W. Varney.....	16 20
S. Corson.....	4 95
C. Lord.....	14 10
J. Hersom.....	25 60
I. Varney.....	17 70
G. Farnham.....	3 00
Walter Varney.....	24 67
James F. Horne.....	15 15
E. C. Varney.....	19 50
Highley Corson.....	12 00
Joel Cooke.....	18 00
Henry Hilliard.....	4 50
Stephen Welch.....	9 45
John Varney.....	9 75
Freeman Babb, stone work.....	37 30
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	\$391 07

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*District No. 7.*

George S. Meader.....	\$71 95
James M. Hayes.....	19 95
Moses Meader.....	75
John H. Leighton, gravel.....	78 50
Dennis A. Johnson.....	7 50
Isaiah Johnson.....	4 50
Samuel Howard.....	9 60
James Trickey.....	19 50
Samuel Hayward.....	5 25
William Johnson.....	4 50
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	\$222 00

*District No. 8.*

Charles O. Baker.....	\$56 70
Alonzo J. Sterling.....	31 95
Asa S. Baker.....	65 70
John H. Caverly.....	5 25
Nathaniel Horn.....	30 50
Frank Colbath.....	1 13
George E. Baker.....	14 55
Bertie Sterling.....	1 13
Sumner Sterling.....	1 50
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	\$208 41

*District No. 9.*

A. J. Sterling.....	\$9 45
Nathaniel Horn.....	9 45
J. Y. McDuffee.....	1 35
George D. McDuffee.....	1 35
J. Chesley.....	1 35
William H. Johnson.....	12 00
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	\$34 95

*District No. 10.*

J. Early.....	\$1 50
Jesse Cole.....	11 40
County of Strafford.....	51 90
Eli Page.....	10 50
George I. Jenness.....	33 85
E. Howard.....	6 00
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	\$115 15

*District No. 11.*

George Pinkham.....	\$37 30
John Henderson.....	11 70
Enoch Hanson.....	20 70
Ira Butterfield.....	5 10
John Roberts.....	19 65
Charles Roberts.....	11 70
William Hall.....	75
John Hanson.....	3 15
Felix Blank.....	1 20
Henry Pinkham.....	12 90
Elbridge Gage.....	3 15
J. W. Clements.....	11 25
Wesley Clements.....	24 60
Richard Hoyt.....	6 00
Wilbee Butterfield.....	3 00
Malcom Hoyt.....	9 00
Seventy-nine loads gravel.....	11 85
John Bridges.....	2 25
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	\$195 15

*District No. 11 1-2.*

John E. Pinkham.....	\$28 65
Charles H. Moran.....	4 20
D. L. Pinkham.....	3 45
William Card.....	1 80
Isaac Cousins.....	60
Ira F. Pinkham.....	4 35
Wallace Spinney.....	4 65
Thomas Parle.....	1 20
Jonathan Coleman.....	6 60

William Card.....	30
Herbert Skillings.....	45
J. Wesley Clements.....	45
John E. Pinkham.....	5 25
Ira F. Pinkham.....	1 35
Wallace Spinney.....	1 35
J. H. Spinney.....	1 50
M. Morrill.....	1 35
J. Moulton.....	90
D. L. Pinkham.....	5 10
A. W. Pease.....	3 45
Herbert Skillings.....	4 65
Frank Skillings.....	4 65
Aaron Pinkham.....	3 00
Ira F. Pinkham.....	2 85
John E. Pinkham.....	17 55
Gravel.....	10 50
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	\$120 51

District No. 12.

Daniel Drew.....	\$27 38
Charles Cushing.....	23 70
Josiah Burley.....	45
Moses Varney.....	45
J. Varney.....	45
J. O'Neil.....	1 50
A. Austin.....	13 80
Charles Varney.....	45
Bert Twombly.....	60
J. W. Wingate.....	3 60
Stephen Austin.....	54 15
Charles Twombly.....	4 27

Arthur Austin.....	8 85
A. Drew.....	45
William Eaton.....	75
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	\$140 85

*District No. 13.*

William H. Torr.....	\$10 35
Frank F. Varney.....	29 25
Al Austin.....	4 21
William Wallace.....	4 28
Herbert Reynolds.....	7 96
Joseph Austin.....	1 21
Arthur Austin.....	1 35
John Gage.....	2 63
E. V. Tuttle.....	6 30
Ambrose Austin.....	3 53
Fred Hanson.....	2 33
George Clark.....	1 58
George Austin.....	1 50
Alphonso Austin.....	1 73
Edwin Austin.....	68
William Sanborn.....	68
William P. Tuttle.....	4 70
Elijah V. Tuttle.....	90
Herbert Reynolds.....	57 00
Alphonso Austin.....	26 25
William Sanborn.....	9 00
George Austin.....	14 70
Charles Cushing.....	5 25
W. M. Wallace.....	6 00
Arthur Austin.....	12 45



Enoch T. Hanson.....	9 00
Frank F. Varney.....	45
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	\$225 27

*District No. 14.*

B. F. Brownell.....	\$30 15
Joseph Lucas.....	14 40
Joseph Austin.....	4 80
Charles P. Spurlin.....	24 75
Charles E. Austin.....	11 25
Irvin Austin.....	6 75
William Sanborn.....	2 25
I. L. Lucas.....	93 90
Amaziah Brownell.....	75
Joseph Erwin.....	75
Peter Hughes.....	75
G. T. Parks.....	9 75
Dennis McCarty.....	75
Andrew Munter.....	6 15
Arthur Morgan.....	15 75
J. Conley.....	6 00
C. Roberts.....	4 50
Everett McLoughlin.....	8 25
Owen Murray.....	8 25
Herbert Reynolds.....	8 25
William Wallace.....	8 25
William Sanborn.....	5 25
Eighteen posts.....	4 50
Eight rails.....	2 00
Five pounds nails.....	15
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	\$278 30

*District No. 15.*

John Bennett.....	\$27 90
Barney McCone.....	16 25
Samuel I. Hanson.....	14 10
John Watson.....	2 70
David Lilly.....	8 10
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	\$69 05

*District No. 16.*

Thomas P. Drew.....	\$71 78
H. Drew.....	13 68
A. Meserve.....	4 95
T. Twombly.....	6 51
G. Nute.....	12 60
P. Cassily.....	3 30
E. Tuttle.....	24 30
J. T. G. Tuttle.....	16 58
S. Prescott.....	40 50
Frank Prescott.....	7 80
James Meserve.....	7 80
E. Meserve.....	3 30
Edgar Meserve.....	2 78
Richard Blank.....	1 20
John Meserve.....	5 25
Joseph Austin.....	4 50
Harrison Drew.....	75
John T. G. Tuttle.....	22 50
James W. Meserve.....	3 15
Edgar Meserve.....	3 00
Edward Tuttle.....	18 00
Samuel T. Dunn.....	20 70

Greenleaf Nute.....	23 85
Washington French.....	18 35
Samuel Prescott.....	13 50
Frank Prescott.....	6 00
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	\$356 63

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*District No. 17.*

George S. Hackett.....	\$25 80
T. Twombly.....	16 50
D. Twombly.....	2 70
T. Nute.....	19 65
H. Perkins.....	90
H. Wadleigh.....	9 60
H. Rounds.....	15 15
A. Austin.....	19 20
J. E. Peaslee.....	13 95
J. E. Hackett.....	14 45
A. Austin.....	4 95
C. Brown.....	6 90
Samuel Twombly.....	3 15
C. H. Wadleigh.....	1 65
I. Young.....	1 05
J. H. Hodgdon.....	3 75
Jerry Towle.....	1 50
A. Place.....	3 15
Otto Brown.....	2 25
P. Cassily.....	75
J. H. Hodgdon.....	28 50
H. B. Rounds.....	93 45
J. Gowen.....	20 55
T. Hason.....	42 30
Samuel Prescott.....	6 00

George S. Hackett.....	46 50
J. E. Hackett.....	10 50
C. H. Wadleigh.....	3 00
Charles Brown.....	10 50
J. E. Peaslee.....	23 85
T. Meserve.....	12 00
H. Perkins.....	18 60
A. Austin.....	33 60
Joseph Austin.....	52 65
Charles Austin.....	75
J. B. Towle.....	5 10
J. Towle, Jr.....	8 85
E. Towle.....	1 20
B. Place.....	6 00
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	\$590 90

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*District No. 18.*

John F. Torr.....	\$67 56
Andrew Torr.....	42 54
William Hooper.....	7 50
Willie Hooper.....	1 95
Lyman Lougee.....	19 20
George Gardner.....	15 00
Andrew Meserve.....	2 25
James B. Rand.....	75
Henry Richardson.....	75
Charles Edgerly.....	7 50
Ira Randall.....	9 00
Forest Gerrish.....	6 75
Michael Madden.....	5 25
Edgar Gerrish.....	8 88

Ed. York.....	9 00
Ed. Towle.....	1 50
Hiram Towle.....	1 50
Richard Jones.....	3 00
Harry Lock.....	9 00
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	\$218 88

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*District No. 19.*

A. F. R. Elliott.....	\$15 38
Henry P. Elliott.....	10 10
David S. Hanson.....	11 40
James Hayes.....	11 25
Reuben Davis.....	5 10
O. Randall.....	18 45
William Davis.....	4 95
S. J. Torr.....	3 62
Ira A. Randall.....	64 50
James Hayes.....	14 40
George S. Frost.....	9 00
Ed. York.....	9 00
John F. Torr.....	2 25
William H. Brock....	1 50
George Gardner.....	5 25
Arthur Elliott.....	4 50
Henry Elliott.....	4 50
Henry Locke.....	8 55
B. Aldrich.....	6 00
John Fogerty.....	12 00
Lewis Steuerwald....	3 00
John Foss.....	3 00
Eleazer Davis.....	1 50

Ten boards.....	2 10
Two hundred and fifty feet of lumber.....	3 25
William Davis.....	12 00
Plummer Smith.....	13 50
Reuben Twombly.....	3 24
David Hanson.....	26 00
John Haley.....	1 50
Henry Canney.....	6 00
H. P. Elliott.....	2 50
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	\$299 29

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*District No. 20.*

Young Brothers.....	\$34 50
John Lucas.....	2 70
G. W. Nelson.....	1 65
C. F. Willey.....	1 65
L. Hall.....	2 40
John Norton.....	9 60
D. T. Stoddard.....	9 30
N. C. Nutter.....	1 95
E. Kay.....	1 05
J. H. Kelley.....	4 50
H. Wallace.....	1 05
S. C. Hayes.....	12 45
Charles Hayes.....	3 00
A. Berry.....	60
Louis Steuerwald.....	60
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	\$87 00

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*District No. 21.*

Joshua M Ham.....	\$10 95
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Eben F. Faxon.....	7 95
W. H. Allen.....	5 40
Patrick Cassily.....	5 85
Cornelius Scannells.....	8 10
John F. Winkley.....	4 35
Nathaniel Eaton.....	7 35
Aaron A. Palmer.....	6 45
Nathan Case.....	3 30
John Osgood.....	4 05
Joseph H. Delaney.....	3 60
G. Pineo.....	4 65
Albert Foster.....	5 70
Joseph Garland.....	1 50
David Bennett .....	1 50
Charles Watson.....	75
Alonzo Horne.....	1 50
John Cram.....	1 50
Albert Sargent.....	5 10
John Gray.....	90
W. W. Ham.....	1 95
Lewis Gowen.....	4 50
John G. Palmer.....	1 65
Joseph Winkley.....	45
Martin Drew.....	75
Aaron W. Drew.....	75
Hiram Thayer.....	75
Albert Bennett.....	75
John F. Winkley.....	28 20
Joseph Winkley.....	23 25
Bert W. Locke.....	4 80
Nathaniel Eaton.....	11 55
Nathan Case.....	12 75
Horace Kimball.....	6 00
Leroy Locke.....	6 75

Albert Foster.....	3 60
Joseph Delaney.....	10 50
Adam Perkins.....	1 50
Cornelius Scanlan.....	12 75
Aaron Drew.....	7 50
Hiram Thayer.....	75
Lebbeus Hill.....	9 00
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	\$240 90

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*District No. 22.*

Joshua M. Ham.....	\$9 45
Eben F. Faxon.....	15 00
W. H. Allen.....	8 85
Patrick Cassily.....	9 30
Alonzo Horne.....	45
John Osgood.....	2 85
W. W. Ham.....	4 05
John Cram.....	75
Charles Watson.....	45
Joseph Garland.....	90
David Bennett.....	1 35
Joel W. Holmes.....	3 00
Albert Bennett.....	1 50
John Palmer.....	30
Hiram Thayer.....	30
Aaron W. Drew.....	30
Eben F. Faxon.....	12 30
Patrick Cassily.....	6 30
Joshua Watson.....	15
Francis Cassily.....	4 65
John G. Palmer.....	4 65
Albert Bennett.....	1 80



Joel W. Holmes . . . . .	4 65
George F. Faxon . . . . .	1 05
Hiram Thayer . . . . .	1 05
William Allen . . . . .	5 55
John Cram . . . . .	4 65
Martin V. B. Drew . . . . .	4 95
Aaron W. Drew . . . . .	2 10
Daniel Bennett . . . . .	4 50
Ichabod Horne . . . . .	4 95
Joshua M. Ham . . . . .	1 20
George Tripp . . . . .	2 70
Albert Bennett . . . . .	2 70
William Ellerson . . . . .	1 95
Leroy Locke . . . . .	2 10

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\$132 75

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*District No. 23.*

Andrew Mineter . . . . .	\$6 60
B. T. Brownell . . . . .	16 20
Joseph Lucas . . . . .	14 40
Gerry R. Gage . . . . .	2 10
C. Roberts . . . . .	2 40
W. Gage . . . . .	1 50
P. Carroll . . . . .	1 50
L. Paul . . . . .	1 50
T. and A. Mineter . . . . .	4 80
G. T. Parks . . . . .	1 80
Isaac L. Lucas . . . . .	10 50
C. Spurling . . . . .	5 25
Joseph Austin . . . . .	3 45
Amaziah Brownell . . . . .	60
Joseph Erwin . . . . .	60

Peter Hughes.....	60
Dennis McCarty.....	60
Charles Roberts.....	30
Orrin Nason.....	30
John Nute.....	90
Napoleon Murrough.....	75
Gravel.....	2 20
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	\$78 85

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*District No. 24.*

Henry G. McDuffee.....	\$43 05
Al Gilman.....	96 15
F. Ransom.....	22 65
W. Cate.....	9 45
J. Gowen.....	1 20
D. McDuffee.....	2 55
C. Emerson.....	4 20
F. Davis.....	1 50
J. McDuffee.....	3 30
C. Nute.....	1 50
J. Emerson.....	1 50
H. McKay.....	19 35
G. Jenness.....	11 25
E. Wentworth.....	5 25
H. Paul.....	1 50
C. Gray.....	13 50
O. Murray.....	1 35
John Dailey.....	12 45
W. Cate.....	2 25
E. Wentworth.....	1 50
H. Philpott.....	3 15
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	\$258 60

Total for highways..... \$19,863 72

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CITY BONDS.

Number 65.....	\$1,000 00
67.....	1,000 00
68.....	1,000 00
69.....	1,000 00
70.....	1,000 00
71.....	1,000 00
106.....	500 00
107.....	500 00
110.....	500 00
111.....	500 00
112.....	500 00
113.....	500 00
114.....	500 00
115.....	500 00
157.....	300 00
158.....	300 00
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	\$10,600 00

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*Currier Fund Income.*

The mayor's orders..... \$60 00



BIRTHS, MARRIAGES, AND DEATHS.

# BIRTHS REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31, 1887.

Date of birth.	Place of Birth.	Name of the Child (if any).	Sex and Condition.			Name of Father.	Maiden Name of Mother.	Color of Parents.	Residence of Parents.	Occupation of Father.	Birthplace of Father.	Birthplace of Mother.	Age of Father.	Age of Mother.
			Male.	Female.	Living or Stillborn.	No. of child, 1st, 2d, etc.	Color.							
Jan. 3	Dover	.....	M.	.....	L	2d	W.	Thomas Smith	.....	Mary Donnelly	.....	Ireland	33	33
" 3	"	.....	M.	.....	3d	.....	"	"	.....	"	.....	"	33	33
" 4	"	.....	M.	.....	1st	Thomas J. McLinn	Anna E. Tuttle	"	"	Manufacturer	Dover	Chicopee, Mass.	19	19
" 5	"	.....	M.	.....	L	John McCool	Mary McQuillan	"	"	Groom	Ireland	Ireland	28	23
" 6	"	.....	M.	.....	2d	Frank Agnew	Mary Fitzpatrick	"	"	Teamster	Dover	Mass.	35	34
" 7	"	.....	F.	.....	S	Edward H. Noble	Minnie Burns	"	"	Printer	England	England	23	22
" 7	"	.....	M.	.....	L	Ernest Pray	Ina G. Littlefield	"	"	Laborer	Dover	Dover	18	17
" 10	"	.....	F.	.....	1st	James Morgan	Mary Gannon	"	"	"	Ireland	Ireland	32	26
" 10	"	.....	F.	.....	5th	Elmer M. Wentworth	Sarah E. Towne	"	"	Express messenger	Newfield, Me.	Peabody, Mass.	25	24
" 11	"	Edward Norris	M.	.....	1st	John Casey	Alice McKenna	"	"	Shoemaker	Strafford	Dover	21	21
" 11	"	.....	F.	.....	"	James J. Woodman	Aggie Grover	"	"	Teamster	Strafford	Lawrence, Mass.	32	27
" 17	"	.....	M.	.....	2d	Arthur Potoin	Philomene Poynt	"	"	Laborer	Canada	Canada	58	43
" 18	"	.....	F.	.....	13th	Edgar O. Hall	Etta B. Foss	"	"	Shoe-fitter	Dover	Durham	28	19
" 18	"	Lizzie E.	F.	.....	1st	Clarence J. Tibbetts	Emma E. Bennett	"	"	Shoe-fitter	Milton	Alton	22	26
" 21	"	.....	M.	.....	F.	Henry D. Yeaton	Abbie Hanson	"	"	Lawyer	Strafford	Dover	25	25
" 25	"	.....	M.	.....	"	James Reynolds	Ella Hackett	"	"	Shoemaker	Danvers, Ms.	Danvers, Mass.	22	20
" 26	"	.....	F.	.....	2d	Hiram Burley	Mary E. Sawtelle	"	"	Operative	Dover	New York	20	18
" 27	"	.....	M.	.....	1st	George H. Foss	Ida B. Goodwin	"	"	Shoemaker	Dover	Dover	28	28
" 29	"	.....	F.	.....	6th	"	"	"	"	"	"	"	28	28
" 29	"	.....	M.	.....	"	Stephen H. Richardson	Mary E. Jackson	"	"	Laborer	"	"	44	42
" 31	"	.....	M.	.....	5th	Samuel Bonser, Jr	Mary A. Foss	"	"	Machinist	England	Durham	22	17
" 31	"	.....	M.	.....	2d	Samuel Hall	Louisa Taylor	"	"	Laborer	Dover	Dover	17	18
Feb. 3	"	.....	F.	.....	1st	Oswen F. Nolan	Hannah Murphy	"	"	Agent	Ireland	Ireland	37	35
" 5	"	.....	M.	.....	2d	Pierce Mullen	Winnifred Jennings	"	"	Mill operative	"	"	32	30
" 8	"	.....	F.	.....	6th	Clifford Miller	Maggie Miller	"	"	Laborer	Dover	Dover	32	17
" 8	"	.....	M.	.....	1st	Frank W. Buzzell	Alice K. Welch	"	"	Shoemaker	N. H.	N. H.	19	19
" 14	"	.....	M.	.....	1st	Oscar Locke	Sarah Winkley	"	"	Operative	Barrington	Strafford	39	24
" 15	"	.....	M.	.....	3d	Charles W. Gould	Carrie I. Ryan	"	"	Mill	N. H.	N. H.	39	24
" 18	"	.....	F.	.....	1st	.....	.....	"	"	.....	.....	.....	39	24

Feb.	20	Dover	.....	.....	.....	W.	John Quinn	.....	Anna McGlone	.....	W.	Dover	.....	Teamster	.....	Ireland	.....	Ireland	.....	42 41	
"	20	"	.....	.....	.....	"	James E. Pittes	.....	Jane Annis	.....	"	"	"	Carpenter	.....	Ireland	.....	N. H.	.....	26 27	
"	26	"	.....	.....	.....	"	Michael Haughey	.....	Ellen McCool	.....	"	"	"	Mill	.....	Dover	.....	Ireland	.....	28 26	
Mar.	2	"	.....	.....	.....	"	Edwin Young	.....	Mary J. Young	.....	"	"	"	Clerk	.....	Great Falls	.....	Fall River, Mass	.....	23 21	
"	10	"	.....	.....	.....	"	William T. Pinkham	.....	Elizabeth A. Kicker	.....	"	"	"	Grocer	.....	Dover	.....	Ireland	.....	35 34	
"	14	"	.....	.....	.....	"	William Reagan	.....	Ellen Reardon	.....	"	"	"	Labourer	.....	Ireland	.....	Ireland	.....	35 34	
"	15	"	.....	.....	.....	"	William S. Burnside	.....	Minnie D. Albee	.....	"	"	"	Mechanic	.....	Scotland	.....	Ill.	.....	23 25	
"	16	"	.....	.....	.....	"	William F. Cartland	.....	Jennie Knight	.....	"	"	"	Grocer	.....	Me	.....	Me	.....	27 25	
"	19	"	.....	.....	.....	"	Samuel Burbee	.....	Augusta	.....	"	"	"	Labourer	.....	Canada	.....	Vt.	.....	45 17	
"	22	"	.....	.....	.....	"	John Banks	.....	Julia	.....	"	"	"	"	.....	Mass.	.....	Ireland	.....	32 28	
"	22	"	.....	.....	.....	"	Benjamin F. Dennis	.....	Caroline S. Weeks	.....	"	"	"	Piano-tuner	.....	Marbleh'd M <sup>s</sup>	.....	Lynn, Mass	.....	37 32	
"	23	"	.....	.....	.....	"	Fred N. Tibbets	.....	Minnie A. Nickerson	.....	"	"	"	Heel-cutter	.....	Milton	.....	Lawrence, Mass	.....	19 17	
"	25	"	.....	.....	.....	"	John Green	.....	Elizabeth Brownell	.....	"	"	"	Labourer	.....	Ireland	.....	Ireland	.....	25 24	
"	27	"	.....	.....	.....	"	Thomas H. Timmons	.....	Kate Buckley	.....	"	"	"	"	.....	"	"	"	"	.....	21 20
"	27	"	.....	.....	.....	"	Thomas H. O'Neil	.....	Maggie Moore	.....	"	"	"	"	.....	Scotland	.....	N. J.	.....	34 28	
"	28	"	.....	.....	.....	"	Frank G. O'Neil	.....	Catherine McCabe	.....	"	"	"	"	.....	Scotland	.....	Scotland	.....	34 31	
"	28	"	.....	.....	.....	"	James McArdle	.....	Addie Ingraham	.....	"	"	"	"	.....	Nova Scotia	.....	Nova Scotia	.....	32 22	
"	29	"	.....	.....	.....	"	Thomas Haley	.....	Dora M. Hayes	.....	"	"	"	"	.....	"	"	"	"	.....	31 31
"	29	"	.....	.....	.....	"	Aaron M. Drew	.....	Bertie	.....	"	"	"	Spinner	.....	England	.....	Maine	.....	31 31	
"	31	"	.....	.....	.....	"	William Broadbent	.....	Enma F. Stevens	.....	"	"	"	Pressman	.....	China, Me	.....	Boston, Mass	.....	39 38	
Apr.	1	"	.....	.....	.....	"	Stephen A. Estes	.....	Hannah K. Small	.....	"	"	"	Printer	.....	Dover	.....	Madbury	.....	29 28	
"	1	"	.....	.....	.....	"	Thomas E. Watson	.....	Anna H. Noyes	.....	"	"	"	Leather-cutter	.....	Lebanon, Me	.....	Newby't Mass	.....	27 29	
"	1	"	.....	.....	.....	"	John McChrill	.....	Deliana Gilman	.....	"	"	"	Machinist	.....	Canada	.....	Canada	.....	30 33	
"	2	"	.....	.....	.....	"	Gideon Dufour	.....	Nellie E. Page	.....	"	"	"	Stone-mason	.....	Dover	.....	Me	.....	22 23	
"	2	"	.....	.....	.....	"	William L. Elder	.....	Mary Hickey	.....	"	"	"	Labourer	.....	Ireland	.....	Ireland	.....	30 25	
"	4	"	.....	.....	.....	"	John Driscoll	.....	Lizzie Bepin	.....	"	"	"	"	.....	Canada	.....	Canada	.....	31 25	
"	6	"	.....	.....	.....	"	Napoleon Poulett	.....	Ella M. Flint	.....	"	"	"	Painter	.....	Madison	.....	Lowell, Mass	.....	22 33	
"	7	"	.....	.....	.....	"	George J. Friabee	.....	Belle Hurd	.....	"	"	"	Tinsmith	.....	Me	.....	N. H.	.....	35 23	
"	7	"	.....	.....	.....	"	Freeman L. Brown	.....	Mary J. Whitehouse	.....	"	"	"	Labourer	.....	Dover	.....	Dover	.....	27 25	
"	9	"	.....	.....	.....	"	Felix O'Neil	.....	Jennie M. Brownell	.....	"	"	"	Spinner	.....	Ireland	.....	Ireland	.....	25 23	
"	10	"	.....	.....	.....	"	Joseph E. Irving	.....	Mary Eupia	.....	"	"	"	Labourer	.....	Canada	.....	Canada	.....	26 32	
"	10	"	.....	.....	.....	"	Orleans Boudreau	.....	Catherine Ingham	.....	"	"	"	"	.....	England	.....	England	.....	31 35	
"	11	"	.....	.....	.....	"	William Turner	.....	Margaret Philbin	.....	"	"	"	"	.....	Scotland	.....	Scotland	.....	19 26	
"	12	"	.....	.....	.....	"	John Cosker	.....	Elizabeth Mooney	.....	"	"	"	Police officer	.....	Ireland	.....	Ireland	.....	39 35	
"	14	"	.....	.....	.....	"	Thomas Fody	.....	Kate Donovan	.....	"	"	"	Stucco-worker	.....	N. B.	.....	"	.....	45 30	
"	14	"	.....	.....	.....	"	Bernard H. O'Kane	.....	Mary L. Hughes	.....	"	"	"	Carriage-painter	.....	Dover	.....	Me	.....	23 23	
"	17	"	.....	.....	.....	"	John J. Keenan	.....	Mary Mackey	.....	"	"	"	Shoemaker	.....	Mass.	.....	Ireland	.....	26 24	
"	20	"	.....	.....	.....	"	Patrick Fenton	.....	Maggie McGlory	.....	"	"	"	Labourer	.....	Ireland	.....	"	.....	26 25	
"	21	"	.....	.....	.....	"	John Cunningham	.....	Annie Grimes	.....	"	"	"	Teamster	.....	Dover	.....	Dover	.....	26 25	
"	21	"	.....	.....	.....	"	Patrick Loughlin	.....	.....	.....	"	"	"	"	.....	"	"	"	"	.....	26 26

BIRTHS REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31, 1887. — *Continued.*

Date of birth.	Place of Birth.	Name of the Child (if any).	Sex and Condition.			Name of Father.	Maiden Name of Mother.	Color of Parents.	Residence of Parents.	Occupation of Father.	Birthplace of Father.	Birthplace of Mother.	Age of Father.	Age of Mother.
			Male.	Female.	Living or Stillborn.	No. of child, 1st, 2d, etc.	Color.							
Apr. 22	Dover...	...	...	...	...	...	...	...	Dover...	Operative...	England...	England...	31	28
" 24	"	...	F	F	T	2d	W	Benjamin Binks...	Sarah Oswald...	Alice Cassidy...	Dover...	Dover...	24	24
" 25	"	...	F	F	"	"	"	James Dobbin...	Alice Cassidy...	Delia...	"	"	28	23
" 26	"	...	M	F	"	"	"	Nelson N. Drew...	Mary A. Lannon...	Mary J. Hartford...	Boston, Mass	"	28	25
" 30	"	...	F	F	"	1st	"	Hugh Cassilely...	Mary J. Hartford...	Mary J. Hartford...	Ireland...	"	28	26
May 3	"	...	M	F	"	"	"	Charles L. Dearborn...	Mary A. Hurd...	Mary A. Hurd...	Wakefield...	"	30	34
" 4	"	...	F	F	"	5th	"	George H. Wentworth...	Mary A. Hurd...	Mary A. Hurd...	Rollinsford...	E. Cornish, Me.	42	42
" 4	"	...	M	F	"	"	"	George H. Pinkham...	Olive A. Hurd...	Olive A. Hurd...	New Durham	Dover...	43	36
" 5	"	...	M	F	"	5th	"	James Aspin...	Abby...	Abby...	England...	Portland, Me.	42	35
" 5	"	...	F	F	"	1st	"	John J. Green...	Mary McNulty...	Mary McNulty...	Ireland...	Ireland...	38	27
" 6	"	...	M	M	"	3d	"	Samuel Meserve...	Lillie B. Reed...	Lillie B. Reed...	"	Essex, Mass...	42	40
" 7	"	...	M	F	"	1st	"	Albra F. Hubbard...	Laura A. Burnham...	Laura A. Burnham...	Farmington	"	27	19
" 9	"	...	F	F	"	6th	"	Peter Kelley...	Kate Connors...	Kate Connors...	Ireland...	"	33	32
" 9	"	...	F	F	"	7th	"	Peter Kelley...	Kate Connors...	Kate Connors...	"	"	33	32
" 11	"	...	M	F	"	2d	"	Samuel J. Smith...	Nellie J....	Nellie J....	Saugus, Mass	Biddeford, Me.	46	30
" 12	"	...	F	F	"	7th	"	John Reil...	Nellie J....	Nellie J....	Canada...	Providence, R.I	31	29
" 16	"	...	F	F	"	2d	"	George E. Whipp...	Elizabeth T. Bartlett	Elizabeth T. Bartlett	Dover...	Nottingham...	27	29
" 16	"	...	M	F	"	6th	"	Bernad J. Kelley...	Mary A. Mallon...	Mary A. Mallon...	"	Dover...	35	34
" 17	"	...	M	F	"	2d	"	John F. Harrigan...	Joanna Lanigan...	Joanna Lanigan...	Ireland...	N. H.	35	30
" 17	"	...	M	F	"	1st	"	Russell S. Foss...	Emma Sterling...	Emma Sterling...	Stratford...	"	21	22
" 18	"	...	F	F	"	5th	"	Henry J. Grimes...	Mary A. Ryan...	Mary A. Ryan...	Dover...	"	34	33
" 19	"	...	F	F	"	"	"	Michael I. Hayes...	Margaret Duffy...	Margaret Duffy...	Dover...	"	37	25
" 20	"	...	F	F	"	2d	"	Bernard Clark...	Sarah Riley...	Sarah Riley...	Ireland...	"	28	22
" 24	"	...	M	F	"	3d	"	Frank Blair...	Zenai Allairo...	Zenai Allairo...	Canada...	"	32	24
" 28	"	...	M	F	"	"	"	George H. Woods...	Sabina Walters...	Sabina Walters...	"	"	30	29
" 31	"	...	F	F	"	1st	"	Walker Burley...	Mary Battles...	Mary Battles...	Dover...	"	23	25
June 1	"	...	F	F	"	"	"	Frank H. Clark...	Alice M....	Alice M....	Boston, Mass	"	26	22
" 1	"	...	M	F	"	"	"	Nehemiah Randall...	Anna Sherburn...	Anna Sherburn...	Lee...	"	39	24
" 6	"	...	M	M	"	2d	"	John M. Keay...	Nora Maloney...	Nora Maloney...	Dover...	Ireland...	28	19



June	9	Dover	Addie M. A.	F	L	1st	W.	Charles S. Ricker	Mary L.	W Dover	Wool-sorter	—, N. J.	Dover	33 26
"	9	"	"	M	2d	"	"	Ed. C. McKean	Fanny G. Han	"	Butcher	Durham	Newmarket	21 21
"	11	"	"	F	11th	"	"	Patrick Fody	Mary	"	Shoemaker	"	Ireland	45 37
"	11	"	"	F	10th	"	"	Patrick Fody	Mary	"	Shoemaker	"	"	45 37
"	13	"	"	F	3d	"	"	Patrick Brennan	Mary Murray	"	Laborer	"	"	35 34
"	13	"	"	F	1st	"	"	Daniel G. Langland	Eleanor A. Paul	"	Draughtsman	N'by't, Mass	Newmarket	27 33
"	13	"	"	F	2d	"	"	Daniel G. Langland	Eleanor A. Paul	"	"	"	"	27 33
"	13	"	"	F	2d	"	"	Thomas H. Dearborn	Mary R. Dearborn	"	"	Northfield	North Hampton	26 28
"	15	"	"	F	3d	"	"	Forest Demeritt	Lizzie M. Goodchild	Hampstead	Merchant	"	"	
"	16	"	"	M	2d	"	"	Peter Hughes	Nellie	Lee	Shoemaker	Lee	Hampstead	33 34
"	17	"	"	F	8th	"	"	Tyler B. Proctor	Clara B. Leighton	Dover	Mill operative	Dover	Dover	29 30
"	19	"	"	F	1st	"	"	John Myers	Rose Goodwin	"	Shoemaker	Westford, Vt.	Farmington	39 33
"	19	"	"	F	2d	"	"	Joseph Simpson	Inez Roberts	"	Mill operative	Ireland	Ireland	21 19
"	22	"	"	F	1st	"	"	Austin Bradon	Annie Nute	"	"	Dover	Dover	24 22
"	22	"	"	M	"	"	"	John Fitzgerald	Ellen McCarty	"	Blacksmith	Roxbury, Me.	"	26 22
"	23	"	"	F	3d	"	"	William J. Carment	Rachel Gray	"	Laborer	"	Ireland	28 23
"	25	"	"	F	2d	"	"	George A. Andrews	Mary Cotter	"	"	"	"	29 30
"	25	"	"	M	"	"	"	Joseph B. Nelson	Marion Rowe	Great Falls	Farmer	Berwick, Me.	"	29 30
"	26	"	"	F	1st	"	"	James H. Richardson	Isabella Cameron	Dover	Shoemaker	Hebron	Grafton, Mass.	32 26
"	30	"	"	M	3d	"	"	Allen B. P. Sykes	Emma Lockwood	"	Book-keeper	Dover	Danvers, Mass.	32 28
"	30	"	"	M	4th	"	"	Charles F. Lord	Anna J. Rogers	"	Operative	England	England	35 28
"	30	"	"	M	3d	"	"	John Connors	Kate Connelly	"	Shoemaker	N. H.	N. H.	30 28
"	30	"	"	F	"	"	"	Michael Donnelly	Annie Hughes	"	Laborer	"	Ireland	30 28
July	1	"	"	M	1st	"	"	John Cafe	Rosa Beaupre	"	"	"	"	29 25
"	2	"	"	M	10th	"	"	Calvin N. Wallingford	Carrie B. Sterling	"	"	Canada	Canada	44 33
"	4	"	"	M	5th	"	"	Patrick J. Fitzgerald	Nellie Hughes	"	Machinist	Dover	Dover	39 34
"	4	"	"	M	2d	"	"	John Connelly	Bridget McLaughlin	"	Laborer	Mass.	Ireland	28 21
"	6	"	"	F	5th	"	"	James Follet	Elizabeth	"	"	"	Ireland	30 32
"	10	"	"	M	"	"	"	John H. Povers	Sarah F	"	"	"	Dover	31 23
"	12	"	"	F	8th	"	"	Thomas Welch	Rose A. Agnew	"	Merchant	Somerv'te, Ms	Boston, Mass.	32 28
"	12	"	"	F	6th	"	"	Joseph Ione	Mary Defrai	"	Laborer	Ireland	Dover	43 37
"	13	"	"	M	"	"	"	Richard Wing	Margaret	"	Fruit dealer	Italy	Italy	30 28
"	19	"	"	F	5th	"	"	William H. Redmond	Alice Frost	"	Farmer	Canada	Canada	30 28
"	20	"	"	F	1st	"	"	Charles E. Small	Alice Frost	"	Groom	N. H.	N. H.	36 20
"	22	"	"	F	2d	"	"	John W. Batley	Sarah A. Oxdon	"	Machinist	Camb'ge, Ms.	Great Falls	32 28
"	22	"	"	M	4th	"	"	Frank L. Smith	Haunah Maxy	"	Operative	England	England	35 33
"	23	"	"	M	3d	"	"	Oglavie Heggie	Mary Meitle	"	Machinist	Dover	Portsmouth	28 25
"	24	"	"	F	6th	"	"	Frank P. Coleman	Lillie M. Philpott	"	Engraver	Scotland	Scotland	46 32
"	25	"	"	F	8d	"	"	"	"	"	"	Durham	Rollinsford	35 30
"	25	"	"	M	2d	"	"	Martin Parsous	Belle	Great Falls	Laborer	England	England	42 40

BIRTHS REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31, 1887. — *Continued.*

Date of birth.	Place of Birth.	Name of the Child (if any.)	Sex and Condi- tion.		Name of Father.	Maiden Name of Mother.	Color of Parents.	Residence of Parents.	Occupation of Father.	Birthplace of Father.	Birthplace of Mother.	Age of Father.	Age of Mother.
			Male.	Female.	Living or Stillborn.	No. of child, 1st, 2d, etc.							
July 25	Dover.	.....	F	L	4th	W	Samuel W. Jordan	.....	Esther Keogh	.....	Hill, Me.	32 27	.....
" 26	"	.....	M	3d	"	"	Patrick McDonough	.....	Elizabeth Elliott	.....	England	30 25	.....
" 26	"	.....	F	"	3d	"	Charles H. List	.....	Elizabeth Elliott	.....	Dover	45 32	.....
" 29	"	.....	M	"	4th	"	Alfred Sayer	.....	Eliza Cook	.....	England	35 33	.....
" 30	"	.....	F	"	3d	"	Michael McAlley	.....	Sarah McGingam	.....	P. E. Island	23 23	.....
Aug. 3	Madbury	.....	M	1st	"	"	Edgar Roberts	.....	Mertie E. Davis	.....	Madbury	30 18	.....
" 5	Dover	.....	F	7th	"	"	Patrick Daily	.....	Rose Morgan	.....	Ireland	33 31	.....
" 8	"	.....	M	1st	"	"	Charles E. Wendell	.....	Ellen A. Snell	.....	Dover	35 27	.....
" 9	"	.....	M	1st	"	"	J. D. McCann	.....	Kate Hughes	.....	England	35 33	.....
" 10	"	.....	F	2d	"	"	Francis Gorman	.....	Kate Reardon	.....	Ireland	32 26	.....
" 11	"	.....	M	9th	"	"	Patrick Rossiter	.....	Julia Sullivan	.....	Boston, Mass.	39 34	.....
" 13	"	.....	F	3d	"	"	John D. McNulty	.....	Laura J. ....	.....	N. Y.	37 30	.....
" 13	"	.....	M	5th	"	"	Charles L. Hartford	.....	Emma M. ....	.....	N. Berwick, Me.	30 30	.....
" 14	"	.....	M	4th	"	"	Michael Breen	.....	Catherine Dillon	.....	Ireland	27 27	.....
" 17	"	.....	M	1st	"	"	George Rutter	.....	Eva E. ....	.....	Dover	24 21	.....
" 20	"	.....	F	3d	"	"	Timothy Flynn	.....	Nora F. Driscoll	.....	Ireland	34 28	.....
" 20	"	.....	F	1st	"	"	Joseph Morax	.....	Laseule Labree	.....	Canada	21 20	.....
" 20	"	.....	M	4th	"	"	Thomas Shorey	.....	Maria A. Hughes	.....	England	33 31	.....
" 21	"	.....	M	4th	"	"	Fredric List	.....	Augusta Ebert	.....	Saxony	41 36	.....
" 21	"	.....	F	"	"	"	William J. Robinson	.....	Etta J. Emery	.....	Kennebunk, Me.	34 32	.....
" 21	"	.....	M	2d	"	"	Thomas W. Wilkinson	.....	Sarah Garstide	.....	England	34 23	.....
" 21	"	.....	M	1st	"	"	Edward Lappin	.....	Elizabeth A. Mullen	.....	Ireland	19 23	.....
" 22	"	.....	M	3d	"	"	George S. Chase	.....	Elizabeth McKennan	.....	P. E. Island	21 21	.....
" 23	"	.....	M	2d	"	"	Emanuel P. Silva	.....	Mary E. McKone	.....	Portugal	34 27	.....
" 24	"	.....	M	2d	"	"	Harry L. White	.....	Clara E. ....	.....	Dover	25 22	.....
" 27	"	.....	M	1st	"	"	John S. Browning	.....	Anna W. Smith	.....	England	27 27	.....
" 28	"	.....	M	4th	"	"	Eli Ellis	.....	Hannah Bonser	.....	England	31 31	.....
" 28	"	.....	F	2d	"	"	Minia Fridette	.....	Agnes Badger	.....	Canada	29 26	.....

Aug. 31	Dover	L	W	Dover	Cook	Dover	Me.	Ireland	21 19
1st	George H. Smart.	1st	Alice Tonney	W	Shoemaker	"	Dover	"	22 21
5th	Michael W. Cranon	5th	Nora King	"	Railroad hand	"	Ireland	"	36 34
4th	Frank T. Snell	4th	Ellen Lynch	"	Blacksmith	"	Dover	Stratford	29 29
3d	David McArthur	3d	Eliza Hill	"	Operative	"	Ireland	Ireland	35 26
12th	Jerome King	12th	Alice Mooney	"	Great Falls	"	Canada	Canada	38
6th	Frank Kelley	6th	Addie Gero	"	Dover	"	Dover	Ireland	28 29
5th	John McClintock	5th	Mary McNally	"	S. Berwick, Me	"	S. Berwick, Me	"	37 30
4th	Patrick O'Grain	4th	Kate Sweeney	"	Barber	"	Ireland	"	32 18
1st	Edgar Roberts	1st	Eva Fernald	"	Farmer	"	Dover	N. Berwick, Me.	27 22
2d	Charles L. Mansfield	2d	Isabel Hobbs	"	Saloon	"	Ireland	"	39 37
6th	Owen McGuigan	6th	Augustina Taylor	"	Farmer	"	Hiram, Me.	Scotland	37 37
1st	James M. Whalen	1st	Kate Banks	"	City laborer	"	Ireland	"	33 28
2d	Archibald Cape	2d	Ann Boise	"	Blacksmith	"	England	Ireland	23 24
1st	John Grady	1st	Ellen Donohue	"	Laborer	"	Ireland	"	33 28
1st	J. Fremont Hayes	1st	J. Lizzie Littlefield	"	"	"	Wells, Me.	"	31 29
3d	John H. Moulton	3d	Helen L. Twombly	"	"	"	Alton	"	31 31
5th	James E. Davis	5th	Annie	"	Farmer	"	Portsmouth	"	31 20
3d	William H. Han	3d	Margaret Driscoll	"	Jeweler	"	England	Ireland	34 28
1st	John Perrin	1st	Kate Winning	"	Engineer	"	Dover	Scotland	28 24
5th	Timothy E. Buckley	5th	Sarah E. Sterling	"	Laborer	"	England	"	30 23
1st	Edward Gertenby	1st	Martha	"	Hotel clerk	"	Ireland	"	31 28
3d	Samuel H. Perkins	3d	Susan A. Wesley	"	"	"	Lewisston, Me	N. Berwick, Me.	39 39
7th	Martin J. Galigan	7th	Julia	"	"	"	Rollinsford	Canada	32 22
3d	Jeffrey E. Stanley	3d	Allie C.	"	Shoemaker	"	Dover	Dover	29 30
8d	Leon D. Fairfield	8d	Annie Stanley	"	Mill operative	"	England	England	20 17
9th	Michael Burns	9th	Kate Murray	"	Carpenter	"	Me.	"	40 36
1st	James Cowling	1st	Ellen S. Guppy	"	Laborer	"	Ireland	Ireland	23 21
3d	George W. Ham	3d	Emma E.	"	Shoe-heeler	"	Lynn, Mass.	Berwick, Me	22 25
1st	Thomas McGanna	1st	Catherine	"	Mechanic	"	Newfield, Me.	Saco, Me.	40 30
3d	John Conroy	3d	Mary A. Hughes	"	Steamer-litter	"	Ireland	Dover	30 29
4th	John McDonald	4th	Bridget	"	Mill operative	"	Ireland	Barrington	40 36
2d	Enoch O. Tasker	2d	Ursula M. Tasker	"	Traler	"	Rochester	Acton, Me.	32 21
1st	Charles H. Fox	1st	Currie M.	"	Blacksmith	"	England	Ireland	24 24
2d	Patrick McDonough	2d	Annie	"	Clerk	"	Dover	Dover	27 26
1st	William J. Hanson	1st	Sadie C.	"	Carpenter	"	Dover	Me	41 36
3d	Alexander Shaw	3d	Lorina	"	Mechanic	"	Nov Scotia.	Shirley, Mass.	37 30
7th	James H. Kennedy	7th	Mary E.	"	"	"	Lowell, Mass.	"	"

BIRTHS REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31, 1887.—*Concluded.*

Date of birth.	Place of Birth.	Name of the Child (if any).	Sex and Condi- tion.		Name of Father.	Maiden Name of Mother.	Color of Parents.	Residence of Parents.	Occupation of Father.	Birthplace of Father.	Birthplace of Mother.	Age of Father.	Age of Mother.
			Male.	Female.									
Nov. 8	Dover	.....	M	.....	Hiram F. Towle.....	Mattie A. Davis .....	W.	Dover	Operative.....	Dover	Durham	28	28
" 8	"	.....	M	.....	Allen Stevenson .....	Mary A. ....	"	"	Mill operative .....	Scotland	Portsmouth	36	18
" 10	"	.....	F	.....	Patrick Grimes .....	Margaret Cunningham .....	"	"	Laborer .....	Ireland	Portsmouth	36	18
" 10	"	.....	F	.....	Charles F. Furbish .....	Elizabeth .....	"	"	Mechanic .....	Ellet, Me	Elizabeth, Me.	31	30
" 11	"	Kate	F	.....	Michael Mooney .....	Mary .....	"	"	Laborer .....	Ireland	Dover	22	20
" 11	"	.....	F	.....	Edward H. Spurling .....	Mabel Wentworth .....	"	"	Shoemaker .....	Dover	Rollinsford	20	24
" 12	"	.....	F	.....	Arthur E. French .....	Edith M. ....	"	"	" .....	Danv'ts, Mass	Cape Eliz' bth Me	35	24
" 13	"	.....	F	.....	Michael Leonard .....	Lizzie .....	"	"	" .....	Springf'd, "	Salmon Falls	22	18
" 16	"	.....	F	.....	Fred A. Brown .....	Stella L. ....	"	"	Clerk .....	Dover	Dover	26	22
" 16	"	.....	F	.....	Samuel Hussey .....	Emma B. Hackett .....	"	"	Ice-dealer .....	Rochester	"	37	35
" 17	"	.....	M	.....	Jno. W. Turfts .....	Addie S. Venner .....	"	"	Shoemaker .....	Dover	Durham	28	20
" 19	"	.....	M	.....	William F. King .....	Mary .....	"	"	" .....	Danville, Vt.	Prov. of Quebec	55	27
" 21	"	.....	M	.....	Henry P. Rooney .....	Bridget Mullen .....	"	"	" .....	"	Ireland	27	"
Dec. 1	"	.....	M	.....	James Killoren .....	Nellie M. Ward .....	"	"	Carpenter .....	"	Me.	38	37
" 4	"	.....	F	.....	Jno. O. Pray .....	Susan A. ....	"	"	Clerk .....	Ireland	Boston, Mass.	42	40
" 5	"	.....	F	.....	Thomas McKee .....	Mary Sarsefield .....	"	"	Shoemaker .....	S. Berw'k, Me	Salmon Falls	26	25
" 5	"	Kate Elizabeth	F	.....	Kate .....	" .....	"	"	Machinist .....	Ireland	Dover	25	26
" 5	"	.....	M	.....	Simon P. Young .....	Corn E. Ellis .....	"	"	Belt shop .....	"	Middleton	29	26
" 5	"	Susanna	F	.....	James Garvey .....	Bridget .....	"	"	Laborer .....	"	"	27	"
" 6	"	.....	F	.....	Roscoe Annis .....	Eunice L. Hodgdon .....	"	"	Teamster .....	Great Falls	Portsmouth	37	27
" 8	"	.....	M	.....	Eugene A. Duncan .....	Catherine .....	"	"	Shoemaker .....	Linc'n'vill, Me	Dover	24	21
" 9	"	.....	M	.....	George J. Foster .....	Annie C. Clark .....	"	"	Publisher .....	Concord	"	33	33
" 9	"	.....	M	.....	William H. Coupe .....	Mary A. Russell .....	"	"	Currier .....	"	Wis.	24	21
" 9	"	.....	F	.....	Robert Cronin .....	Joanna .....	"	"	Laborer .....	Ireland	"	35	34
" 10	"	.....	F	.....	William Wright .....	Mary Greenaway .....	"	"	Operative .....	"	"	33	30
" 12	"	.....	F	.....	John Crobin .....	Julia .....	"	"	Laborer .....	"	"	33	32
" 12	"	.....	F	.....	Albert G. Hutchings .....	Mary H. ....	"	"	Watchman .....	K'nneb'unk Me	Dover	33	30
" 14	"	.....	M	.....	Adolph Beaudet .....	Victoria .....	"	"	Laborer .....	Canada	Canada	26	25





# MARRIAGES REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31, 1887.

Date of marriage.	Place of Marriage.	Name and surname of groom and bride.	Residence of each at time of marriage.	Age of each.	Color of each.	Occupation of groom and bride.	Place of birth of each.	Names of Parents.	What marriage—whether 1st, 2d, etc.	Name, residence, and official station of person by whom married.
Jan. 1.	Tuftonborough ..	John W. Merrow .....	Dover.....	30	W	Sash-maker....	Ossipee.....	James and Caroline .....	1st	Wm. H. Stuart, pastor M. E. Ch., Tuftonboro'.
" 1.	Dover.....	Florence Grant .....	Tuftonborough.....	21	"	Farmet.....	Minneapolis, Minn.....	Edwin and Caroline.....	1st	Charles Parkhurst, pastor M. E. Ch., Dover.
" 1.	" .....	John W. Bennett .....	Topsham, Me.....	27	"	" .....	Bowdoinham, Me.....	John W. and Margaret... Wesley and Sarah.....	1st	Charles Parkhurst, pastor M. E. Ch., Dover.
" 1.	" .....	Helen Patten.....	Bowdoinham, Me.....	28	"	Shoemaker .....	Farmington.....	George W. and Mary..... James H. and Mary F.....	2d	Charles Parkhurst, pastor M. E. Ch., Dover.
" 5.	" .....	Albra Hubbard.....	Dover.....	27	"	" .....	Essex, Me.....	James H. and Mary..... Michael and Catherine...	1st	D. W. Murphy, R. C. P., Dover.
" 5.	" .....	Laura A. Burnham.....	" .....	19	"	Laborer .....	Ireland.....	James and Mary..... Alken and Eliza.....	2d	Charles Parkhurst, pastor M. E. Ch., Dover.
" 8.	" .....	John Mullen.....	" .....	26	"	" .....	Scotland.....	Thomas and Mary..... William and Clara.....	1st	Charles Parkhurst, pastor M. E. Ch., Dover.
" 8.	" .....	Catherine Mullen.....	Newmarket.....	21	"	Mill operative....	Haverhill, Mass.....	Alfred and Elizabeth..... Wilbur E. and Mary E.....	1st	H. F. Wood, pastor F. B. Ch., Dover.
" 8.	" .....	Lewis Ladderbush.....	Dover.....	20	"	Shoemaker .....	Portland, Me.....	George W. and Mary J..... Charles and Mary E.....	1st	H. F. Wood, pastor F. B. Ch., Dover.
" 8.	" .....	Maggie Mead.....	" .....	27	"	" .....	Dover.....	Peter and Ann..... Amos and Lucinda.....	1st	Charles Parkhurst, pastor M. E. Ch., Dover.
" 10.	" .....	Fred Neal.....	" .....	21	"	Laborer .....	England.....	William and Sarah..... Michael and Annie M.....	1st	George E. Hall, pastor First Cong. Ch., Dover.
" 10.	" .....	Mary Moore.....	" .....	21	"	" .....	New Brunswick.....	John and Maria..... John and Margaret.....	1st	D. W. Murphy, R. C. P., Dover.
" 10.	" .....	Wilson H. Walsh.....	Worcester, Mass.....	34	"	" .....	Eastport, Me.....	John and Margaret..... Michael and Bridget.....	1st	H. F. Wood, pastor F. B. Ch., Dover.
" 11.	" .....	Sarah O. Patterson.....	Wilton.....	29	"	Clerk.....	Farmington .....	Allen and Margaret..... George H. and Mary A.....	2d	James Rand, clergyman, Dover.
" 11.	" .....	Fred Lougee.....	Dover.....	25	"	" .....	" .....	George H. and Mary J..... Charles and Mary E.....	1st	Charles Parkhurst, pastor M. E. Ch., Dover.
" 14.	" .....	Lilla Pearl.....	Farmington .....	24	"	Shoemaker .....	Dover.....	Peter and Ann..... Amos and Lucinda.....	1st	Charles Parkhurst, pastor M. E. Ch., Dover.
" 14.	" .....	James McDonald.....	Dover.....	28	"	" .....	Ireland.....	William and Sarah..... Michael and Annie M.....	1st	George E. Hall, pastor First Cong. Ch., Dover.
" 19.	" .....	Catharine Gallagher.....	" .....	23	"	Carpenter.....	Saco, Me.....	John and Maria..... John and Margaret.....	1st	D. W. Murphy, R. C. P., Dover.
" 19.	" .....	William Edgcomb.....	" .....	24	"	" .....	Nova Scotia.....	Michael and Bridget..... Michael and Bridget.....	1st	H. F. Wood, pastor F. B. Ch., Dover.
" 25.	" .....	Kate J. Tucker.....	Saco, Me.....	25	"	Tailor .....	Germany.....	Allen and Margaret..... George H. and Mary A.....	1st	James Rand, clergyman, Dover.
" 25.	" .....	John Newhauser.....	Dover.....	25	"	" .....	England.....	George H. and Mary A..... George H. and Mary A.....	1st	James Rand, clergyman, Dover.
" 25.	" .....	Annie Loucauer.....	" .....	23	"	Barber .....	Dover.....	George H. and Mary A..... George H. and Mary A.....	1st	James Rand, clergyman, Dover.
" 25.	" .....	Walter J. Hughes.....	" .....	28	"	" .....	N'wburyport, Mass.....	George H. and Mary A..... George H. and Mary A.....	1st	James Rand, clergyman, Dover.
" 27.	" .....	Mary A. Constantine.....	N'wburyport, Mass.....	25	"	Mill operative....	Portsmouth.....	George H. and Mary A..... George H. and Mary A.....	2d	James Rand, clergyman, Dover.
" 27.	" .....	Allen Stevenson.....	Dover.....	34	"	" .....	Scotland.....	George H. and Mary A..... George H. and Mary A.....	1st	James Rand, clergyman, Dover.
" 27.	" .....	Agnes Ledden.....	Newmarket.....	22	"	Farmet.....	Tamworth.....	George H. and Mary A..... George H. and Mary A.....	1st	James Rand, clergyman, Dover.
" 31.	" .....	George B. Moody.....	Tamworth.....	19	"	" .....	Dover.....	George H. and Mary A..... George H. and Mary A.....	1st	James Rand, clergyman, Dover.
" 31.	" .....	Elizabeth A. Wentworth.....	Dover.....	17	"	" .....	Dover.....	George H. and Mary A..... George H. and Mary A.....	1st	James Rand, clergyman, Dover.

Feb. 4.	Dover.....	Joseph Meserve.....	Dover.....	25	W	Shoemaker .....	Dover .....	James W. and Sally.....	1st	H. A. Wood, pastor F. B. Ch., Dover.
" 8.	" .....	Arzilia Corson.....	" .....	24	"	Painter .....	" .....	Thomas and Elizabeth R.	2d	C. B. Turner, Bap. clergyman, Dover.
" 9.	Somersworth.....	Martin J. Galligan.....	" .....	31	"	Farmer .....	" .....	John M. and Kate.....	1st	John E. Dane, clergyman, Somersworth.
" 10.	S. Berwick, Me.....	Alta C. Hilliard.....	Lynn, Mass.....	30	"	Clerk.....	Lowell, Mass.....	Jonathan P. and Annie.....	1st	George Lewis, pas. Cong. Ch. S. Berwick, Me.
" 10.	Dover.....	Frank G. Herriek.....	Dover.....	33	"	Trader.....	Salem, Mass.....	John S. and Olive J.....	1st	Charles Parkhurst, pastor M. E. Ch., Dover.
" 12.	" .....	Ella J. Faulkner.....	S. Berwick, Me.....	26	"	Mill operative.....	Barrington.....	Charles and Mary.....	1st	I. W. Beard, minister, Dover.
" 14.	" .....	Hattie Whithead.....	Dover.....	21	"	Machinist.....	Ireland.....	John and Ann.....	1st	J. P. Sheate, Jr., clergyman, Dover.
" 14.	" .....	John McDonald.....	" .....	26	"	Shoemaker .....	Farmington .....	Augustus and Abigail A.....	1st	Charles Parkhurst, pas. tor M. E. Ch., Dover.
" 19.	" .....	Annie Tonney.....	" .....	21	"	Teamster .....	Salmon Falls.....	Wilson and Ellen.....	1st	Geo. E. Durgin, justice, Dover.
" 21.	Brookfield, Mass.....	James E. Davis.....	" .....	26	"	Driver.....	Dover.....	Isaac and Martha.....	1st	Chas. F. Grace, clergyman, Brookfield, Mass.
" 23.	Dover.....	Annie Perkins.....	" .....	19	"	Shoemaker .....	Barrington.....	Paul and Fannie.....	1st	H. F. Wood, clergyman, Dover.
" 24.	Lowell, Mass.....	Frank W. Buzzell.....	Quincy, Mass.....	29	"	Shoemaker .....	Ruxton, Me.....	Raymond and Charlotte.....	1st	Wm. A. Bunch, pas. 2d Ad.Ch., N'w Bedford, Ms
" 25.	Dover.....	Alice Welch.....	Dover.....	17	"	Teamster .....	Dover.....	John A. and Abby.....	1st	H. F. Wood, clergyman, Dover.
Mar. 1.	" .....	Charles H. Thompson.....	" .....	22	"	Driver.....	Farmington.....	Albert H. and Fanny C.....	1st	George E. Hall, pas. 1st Cong. Ch., Dover.
" 10.	" .....	Ada B. Smith.....	" .....	23	"	Shoemaker .....	S. Brookfield, Mass.....	John H. and Lizzie R.....	1st	Charles Parkhurst, clergyman, Dover.
" 10.	" .....	Alfred R. Mead.....	" .....	18	"	Brick mason.....	Northfield, Vt.....	Thomas J. and.....	1st	George E. Hall, pastor 1st Cong. Ch., Dover.
" 17.	" .....	Joanna A. Emerson.....	S. Brookfield, Mass.....	21	"	Carpenter.....	Dover.....	Levi W. and Lavinia W.....	1st	Charles Parkhurst, clergyman, Dover.
" 17.	Springfield, Mass.....	Wilbur B. Huntoon.....	Dover.....	17	"	Shoemaker .....	Wentworth.....	Mark L. and Emma E.....	1st	Michael Burnham, cler., Springfield, Mass.
" 18.	Dover.....	Susie A. Cullinan.....	" .....	23	"	Shoemaker .....	Keene.....	Benjamin and Kate.....	1st	J. P. Sheate, clergyman, Dover.
" 19.	Durham.....	William M. Brown.....	" .....	44	"	Shoemaker .....	Boston, Mass.....	John H. and Emily J.....	1st	S. H. Barnum, clergyman, Durham.
" 22.	Dover.....	Emma E. Hauscom.....	" .....	23	"	Shoemaker .....	Sandwich.....	Moses M. and Olive.....	1st	H. F. Wood, clergyman, Dover.
		John N. Baker.....	" .....	46	"	Shoemaker .....	St. Johnsbury, Vt.....	William and Elizabeth.....	1st	
		Melissa D. Shepard.....	" .....	24	"	Shoemaker .....	Concord.....	Jacob F. and Cynthia.....	1st	
		John H. Jacobs.....	" .....	23	"	Shoemaker .....	Holderness.....	John and.....	1st	
		Elizabeth Downing.....	" .....	44	"	Shoemaker .....	Pembroke.....		1st	
		George W. Bell.....	" .....	44	"	Shoemaker .....	New Portland, Me.....		1st	
		Julia E. Bodge.....	" .....	44	"	Shoemaker .....	Keenebunk, Me.....		1st	
		Frank E. Russ.....	" .....	19	"	Shoemaker .....	Dover.....		1st	
		Kate M. Downing.....	" .....	35	"	Shoemaker .....	Chicago, Ill.....		1st	
		Marvin T. Dodge.....	" .....	36	"	Shoemaker .....	Portland, Me.....		1st	
		Arvilla C. Richards.....	" .....	36	"	Shoemaker .....	Gray, Me.....		1st	
		Walter S. Knowlton.....	" .....	21	"	Shoemaker .....	Nova Scotia.....		1st	
		Minnie F. Remick.....	" .....	19	"	Shoemaker .....	Keene.....		1st	
		George H. Vitum.....	" .....	23	"	Shoemaker .....	Stoughton, Mass.....		1st	
		Lizzie G. Shumway.....	" .....	27	"	Shoemaker .....			1st	
		George W. E. Kimball.....	" .....	39	"	Shoemaker .....			1st	
		Emma L. Black.....	" .....	34	"	Shoemaker .....			1st	
		Theodore H. McCarty.....	" .....	26	"	Shoemaker .....			1st	
		Maggie Donovan.....	" .....	16	"	Shoemaker .....			1st	
		Morris A. Smith.....	" .....	29	"	Shoemaker .....			1st	
		Bessie B. Curton.....	" .....	22	"	Shoemaker .....			1st	

MARRIAGES REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31, 1887. — *Continued.*

Date of marriage.	Place of Marriage.	Name and surname of groom and bride.	Residence of each at time of marriage.	Age of each.	Color of each.	Occupation of groom and bride.	Place of birth of each.	Names of Parents.	What whether 1st, 2d, etc.	Name, residence, and official station of person by whom married.
April 7.	Dover	Gowen P. Moulton.	Kennebunk, Me.	38	W	Farmer.	S. Berwick, Me.	Nathaniel and Sarah A.	1st	Charles Parkhurst, clergyman, Dover.
" 16.	Medford, Mass.	Almeda J. Joy.	S. Berwick, Me.	23	"	"	S. Berwick, Me.	James B. and Lucinda.	1st	James P. Abbott, clergyman, Medford, Mass.
"	"	Fred E. Brown.	Dover	26	"	Brakeman.	Dover	Charles J. and Martha A.	1st	M. Dutton, clergyman, Somersworth.
" 21.	Somersworth.	Lulu G. Watson.	"	19	"	"	Newmarket.	George H. and Anna M.	1st	H. F. Wood, clergyman, Dover.
"	"	Charles E. Jenness.	"	28	"	Livery stable	Union.	Rufus and Frances E.	1st	D. W. Murphy, R. C. P., Dover.
" 23.	Dover	Mattie L. Haley.	"	21	"	"	Dover	George A. and Nellie A.	1st	D. W. Murphy, R. C. P., Dover.
"	"	Edward H. Spurlin.	"	19	"	Shoemaker.	"	John H. and Mary A.	1st	D. W. Murphy, R. C. P., Dover.
" 23.	"	Mabel Wentworth.	Rollinsford.	23	"	"	Rollinsford.	Patrick and Mary	1st	D. W. Murphy, R. C. P., Dover.
"	"	James J. Conbig.	Dover	23	"	Shoemaker.	Lynn, Mass.	James and Ellen	1st	D. W. Murphy, R. C. P., Dover.
" 24.	"	Ellen Guppy.	Berwick, Me.	21	"	"	Berwick, Me.	Oliver and Henrietta.	1st	D. W. Murphy, R. C. P., Dover.
"	"	Phillipe Charet.	Dover	21	"	Laborer.	Canada.	Moses A. and Mary P.	1st	W. R. G. Mellen, clergyman, —, Mass.
" 27.	Wellesley, Mass.	Lea Morrisset.	"	21	"	Ast. b'nk cash'r	"	Louis G. and Merana.	1st	F. A. Dillingham, clergyman, Dover.
"	"	Charles S. Cartland.	"	36	"	"	Dover	Zimri S. and Alta L.	2d	D. W. Murphy, R. C. P., Dover.
"	"	Julia H. Wallingford.	"	36	"	Brick-maker.	S. Berwick, Me.	George and Frances A.	2d	H. F. Wood, clergyman, Dover.
May 3.	Dover	Albert H. Boucher.	"	33	"	"	New York, N. Y.	James and Hannah	1st	H. F. Wood, clergyman, Dover.
"	"	Lucy Moulton.	"	32	"	Machinist.	England.	Peter and Ann	1st	Charles Parkhurst, clergyman, Dover.
" 3.	"	Cornelius Sullivan.	"	20	"	"	Ireland.	Honatio H. and Mary A.	1st	F. K. Chase, clergyman, Dover.
" 5.	"	Bridget Callaghan.	"	20	"	Farmer.	Dover	Philip and Cynthia.	2d	D. W. Murphy, R. C. P., Dover.
"	"	Henry M. Pinkham.	"	42	"	"	"	Ivory and Phoebe.	2d	D. W. Murphy, R. C. P., Dover.
"	"	Carrie M. Brewster.	"	25	"	Roll-coverer.	Biddeford, Me.	Patrick and Mary	1st	D. W. Murphy, R. C. P., Dover.
" 7.	"	Albion Goldthwait.	Biddeford, Me.	26	"	"	P. E. Island	Alexander and Rachel.	1st	D. W. Murphy, R. C. P., Dover.
"	"	Rubelle Riley.	"	28	"	Brick-layer	Kennebunkport, Me.	"	1st	"
" 10.	"	James F. Clough.	"	35	"	"	Dover	"	1st	"
"	"	Alice C. Paul.	Dover	26	"	Shoemaker	Natick, Mass.	"	1st	"
" 10.	"	William H. Belger.	"	36	"	"	New York, N. Y.	"	1st	"
"	"	Kate S. Freeman.	"	32	"	Teamster.	Nova Scotia.	"	1st	"
" 17.	"	Albert McPhee.	"	26	"	"	Ireland.	"	1st	"
"	"	Mary J. Tonnev.	"	24	"	"	"	"	1st	"



May 17.	Dover	Dominique Coogroda...	Dover	24	W	Clerk...	Ireland	Dominique and Catherine	1st	D. W. Murphy, R. C. P., Dover.
" 19.	"	Mary Tierney...	"	26	"	Mill operative.	Dover	Amaziah and Mary J...	1st	Charles Parkhurst, cler- gyman, Dover.
" 28.	Moultonboro',	Emma J. Spaulding...	"	20	"	Shoemaker	Rochester	Samuel and Ellen...	1st	W. J. Wilkins, clergy- man, Moultonboro'.
" 30.	Vassalboro', Me	James M. Varney...	Monktonboro'	24	"	Carpenter	Vassalboro', Me.	George and Nancy...	1st	James E. Mills, clergy- man, Vassalboro', Me.
" 30.	Dover	Ellen M. Rust...	Dover	28	"	Tailor	P. E. Island	Benjamin C. and Lucy...	1st	D. W. Murphy, R. C. P., Dover.
" 30.	"	Minnie E. Warren...	Vassalboro', Me.	27	"	Shoemaker	Ireland	Joseph A. and Ann...	1st	John Casey, R. C. P., Dover.
June 4.	"	Eliza Riley...	Dover	21	"	Carpenter	Dover	Benjamin and Mary...	2d	James Thurston, clergy- man, Dover.
" 4.	S. Berwick, Me.	James McGroty...	Portland, Me.	45	"	"	"	John and Mary...	1st	John H. Nichols, clergy- man, Berwick, Me.
" 8.	Dover	Alice Q. Halloran...	Durham	55	W	Teamster	Biddeford, Me.	Daniel and Mary...	2d	F. K. Chase, clergyman, Dover.
" 15.	"	Frances E. Radford...	Biddeford, Me.	30	"	Publisher	Somersworth	Henry D. and Jane...	1st	James Thurston, clergy- man, Dover.
" 18.	Somersworth	Drusilla Pinkham...	Dover	27	"	Blacksmith	Newfield, Me.	Nathaniel and Eliza T...	1st	John E. Dane, clergy- man, Somersworth.
" 22.	Vergennes, Vt	Christopher H. Wells...	"	30	"	Butcher	Durham	Eben and Olive A...	2d	George E. Hall, clergy- man, Dover.
" 25.	Dover	Frank E. Symes...	"	25	"	"	Portsmouth	Stephen and Mary J...	1st	H. F. Wood, clergyman, Dover.
" 25.	"	Annie Winckley...	"	27	"	Brick-layer	Stratford	William and Mary...	1st	H. F. Wood, clergyman, Dover.
" 27.	"	Mertie H. Emery...	Sanford, Me.	16	"	Laborer	Kennebunkport, Me	Rufus B. and Lizzie H...	1st	H. F. Wood, clergyman, Dover.
" 29.	"	George H. Whitchee...	Dover	18	"	Shoemaker	England	James H. and Mary F...	1st	H. F. Wood, clergyman, Dover.
July 2.	"	Fred E. Hackett...	Biddeford, Me.	50	"	Fanner	Littleton	Benjamin and Selma...	1st	F. A. Dillingham, cler- gyman, Dover.
" 2.	"	Mary A. Lockwood...	Norway, Me.	19	"	Shoemaker	Townsend, Mass.	Alexander and Lucy...	1st	James Thurston, clergy- man, Dover.
" 4.	"	James A. Graham...	Buckfield, Me.	35	"	Fanner	Wells, Me.	Benjamin and Elizabeth...	1st	George E. Hall, clergy- man, Dover.
" 6.	"	Rosie E. Graves...	Wells, Me.	32	"	Painter	Waterford, Me.	Sewell and Alice...	1st	F. K. Chase, clergyman, Dover.
" 7.	"	Fred M. Monk...	Biddeford, Me.	27	"	Hotel	Greenwood, Me.	Alvin and Sally...	1st	F. A. Dillingham, cler- gyman, Dover.
" 7.	"	Anna C. Mayhew...	Conway	49	"	Seaman	Haverhill, Mass.	Moses and Sylvestra...	1st	I. W. Beard, clergyman, Dover.
		Daniel W. Bragdon...	Haverhill, Mass.	36			Conway	James and Almira...	2d	
		Emma L. Perkins...	Bergen Point, N.Y.	21			England	Leonard and Elizabeth...	1st	
		Adelbert E. Parker...	Dover	18				Thomas F. and Ann...	1st	
		Lillian A. Whitney...						William and Helen...	1st	
		Albion M. Willey...								
		Lucy J. Darling...								
		Thomas F. Gray...								
		Ruth H. Sykes...								

MARRIAGES REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31, 1887. — *Continued.*

Date of marriage.	Place of Marriage.	Name and surname of groom and bride.	Residence of each at time of marriage.	Age of each.	Color of each.	Occupation of groom and bride.	Place of birth of each.	Names of Parents.	What marriage—whether 1st, 2d, etc.	Name, residence, and official station of person by whom married.
July 26.	Dover	William Ledyard.	Bath, Me.	23	W	Clerk.	Bath, Me.	James C. and Mary J.	1st	George E. Hall, clergyman, Dover.
" 26.	"	Edith M. Chase.	Edgecomb, Me.	19	"	Laborer.	Edgecomb, Me.	John H. and Eunice.	1st	D. W. Murphy, R. C. P., Dover.
" 31.	"	Mary Ann Cosker.	Dover	27	"	"	Madbury.	Tobias and Ann.	1st	H. F. Wood, clergyman, Dover.
Aug. 2.	"	Elbridge E. Littlefield.	Conway June, Me.	35	"	"	Scotland.	Frank and Mary.	1st	F. A. Dillingham, clergyman, Dover.
" 2.	"	Martha A. Fogg.	" "	28	"	"	S. Berwick, Me.	Enoch and Martha.	1st	F. A. Dillingham, clergyman, Dover.
" 6.	"	John K. Pettibridge.	Chicago, Ill.	32	"	"	Conway, "	Chas. and Laura J. Pierce.	3d	F. A. Dillingham, clergyman, Dover.
" 6.	"	Mary J. Foye.	" "	40	"	"	London, Eng.	John and Elizabeth.	2d	F. A. Dillingham, clergyman, Dover.
" 6.	"	Frank P. Vitum.	Dover	35	"	"	Dover.	James and Mary.	1st	F. A. Dillingham, clergyman, Dover.
" 6.	Durham	Hattie M. Platts.	" "	38	"	"	Georgetown, Mass.	Benjamin F. and Elizabeth	1st	F. A. Dillingham, clergyman, Dover.
" 18.	Dover	Linville F. Langmaid.	" "	38	"	"	Durham	John L. and Sarah A.	1st	H. L. Talbot, clergyman, Dover.
" 24.	"	Cora A. Thompson.	Durham	23	"	"	"	Jacob H. and Emma	1st	F. K. Chase, clergyman, Dover.
" 24.	"	John H. Church.	Augusta, Me.	69	"	"	Augusta, Me.	Luther and Mary.	3d	F. K. Chase, clergyman, Dover.
" 25.	"	Fannie Pierce.	Dover	50	"	"	"	Wm. and Fannie Robins.	1st	Charles Parkhurst, clergyman, Dover.
" 25.	"	Aaron R. Gray.	" "	22	"	"	Dover	Clifford and Sarah.	1st	F. A. Dillingham, clergyman, Dover.
" 25.	"	Elizabeth Miller.	" "	18	"	"	"	George W. and Hannah	1st	F. A. Dillingham, clergyman, Dover.
" 29.	"	Charles A. Davis.	" "	35	"	"	Boston, Mass.	Albert S. and Mary F.	1st	John Casey, R. C. P., Dover.
Sept. 1.	"	Ada F. Decosse.	" "	23	"	"	Dover.	Frederick and Anna C.	1st	H. F. Wood, clergyman, Dover.
" 5.	"	Hugh Rodden.	" "	23	"	"	Berwick, Me.	— and Anna.	2d	John Casey, R. C. P., Dover.
" 5.	"	Annie Sullivan.	" "	20	"	"	Sunmer.	Eben and Betsey.	1st	John Casey, R. C. P., Dover.
" 5.	"	George H. Briggs.	Elliot, Me.	35	"	"	Elliot.	George and Rhoda	1st	Charles Parkhurst, clergyman, Dover.
" 5.	"	Annie P. Jones.	Dover	25	"	"	Ireland.	Jeremiah and Honoria	1st	W. A. M. Giney, clergyman, Portsmouth.
" 5.	"	Timothy Carroll.	" "	26	"	"	"	Patrick and Sarah.	1st	W. A. M. Giney, clergyman, Portsmouth.
" 5.	"	Bridget Riley.	" "	35	"	"	Bideford, Me.	Silas and Julia.	2d	W. A. M. Giney, clergyman, Portsmouth.
" 11.	Portsmouth	Herbert Warren.	Bideford, Me.	27	"	"	England	Unknown.	1st	W. A. M. Giney, clergyman, Portsmouth.
" 11.	"	Lottie Powell.	Dover	23	"	"	Halifax, N. S.	Christopher and Christine	1st	W. A. M. Giney, clergyman, Portsmouth.
" 11.	"	George A. Boyes.	" "	30	"	"	Portsmouth.	George and Emma.	1st	W. A. M. Giney, clergyman, Portsmouth.
" 11.	"	Emma F. Frost.	" "	24	"	"	"	"	1st	W. A. M. Giney, clergyman, Portsmouth.

Sept. 12.	Dover	James Murtaugh	Dover	21	W	Barber	Dover	Edward and Mary	1st	D. W. Murphy, R. C. P., Dover.
" 12.	"	Martha J. Laue	"	24	"	Shoemaker	Danville, Vt.	James W. and Julia	1st	H. F. Wood, clergyman, Dover.
" 14.	"	Newell S. Durgin	Danvers, Mass.	50	"	"	Meredith	George and Susan	2d	H. F. Wood, clergyman, Dover.
" 18.	"	Frances A. Chase	Dover	46	25	Cigar-dealer	Dover	Abel and Mary Fogg	1st	H. F. Wood, clergyman, Dover.
" 19.	"	William H. Foss	"	19	28	Mill operative	Ireland	John and Paulina	1st	D. W. Murphy, R. C. P., Dover.
" 22.	"	Alice M. Brown	"	18	30	"	"	Patrick and Betsey	1st	F. A. Dillingham, clergyman, Dover.
" 27.	"	Hugh Cassidy	Wilmington, Del.	28	31	Bridge inspect.	Georgetown, Ca.	Daniel and Rachel	1st	Charles Parkhurst, clergyman, Dover.
" 27.	"	Lizzie Timony	Dover	31	61	Shoemaker	Hiram, Me.	Samuel and Esther	3d	Charles Parkhurst, clergyman, Dover.
" 27.	"	Georgiann P. Haywood	"	43	24	Clerk	Phillips, Me.	Stephen M. and Elizabeth	1st	I. W. Beard, clergyman, Dover.
" 27.	"	Stephen Pratt	"	24	28	Trader	Albany, N. Y.	Joseph H. and Jane	1st	John Casey, clergyman, Dover.
" 27.	"	Eliza J. Johnson	"	23	21	Shoemaker	England	James and Sally	1st	D. W. Murphy, R. C. P., Dover.
" 27.	"	Sarah Kirkman	"	26	22	"	Dover	Jeremiah and Abby	1st	M. Stevens, clergyman, Ossipee.
" 27.	"	Jeremiah Goggin, Jr.	"	21	21	Shoemaker	Lawrence, Mass.	Edward and Margaret	1st	James Rand, clergyman, Dover.
" 28.	"	Annie Mulligan	Danvers, Mass.	21	21	"	Great Falls	John and Agnes	1st	Charles Parkhurst, clergyman, Dover.
" 28.	"	Charles A. Rushway	Dover	21	21	Shoemaker	"	John E. and Elizabeth	1st	F. K. Chase, clergyman, Dover.
" 28.	"	Josephine Lisco	"	21	21	"	Dover	Granville and Lydia	1st	Charles Parkhurst, clergyman, Dover.
" 29.	"	Alphonso L. Blaisdell	"	19	22	Teamster	Dover	Joseph S. and Delia A.	2d	Charles Parkhurst, clergyman, Dover.
" 29.	"	Edith C. Piny	"	17	23	Clerk	Portsmouth	Albert and Myra	1st	James Parkhurst, clergyman, Dover.
" 29.	"	Frank H. Clark	"	22	23	"	Dover	James and Ellen	1st	J. P. Sheate, Jr., clergyman, Dover.
" 29.	"	Jennie A. Tibbetts	Boston, Mass.	25	26	Real est'te br'kr	Portsmouth	Jacob K. and Lydia B.	1st	Charles Parkhurst, clergyman, Dover.
" 29.	"	John L. Belneke	Dover	26	26	"	"	John W. and Mary	1st	Charles Parkhurst, clergyman, Dover.
" 29.	"	Sophia M. Walker	Kennebunk, Me.	26	26	Laborer	Germany	August and	1st	Charles Parkhurst, clergyman, Dover.
" 29.	"	William Neddco	"	27	27	"	Kennebunkp't, Me	William M. and Miriam	1st	George E. Hall, clergyman, Dover.
" 29.	"	Delle Hill	Dover	27	27	"	Norwalk, O.	George W. and Elizabeth A.	1st	George E. Hall, clergyman, Dover.
" 29.	"	Samuel B. Abbott	"	18	23	Clerk	Elliot, Me.	Leonard C. and Hannah M.	1st	George E. Hall, clergyman, Dover.
" 29.	"	Edna B. Durgin	"	22	23	"	Boston, Mass.	Jesse and Maria	1st	James Lade, clergyman, Elliot, Me.
" 29.	"	Arthur F. Brown	"	23	23	Bookseller	Dover	Israel and Lydia B.	1st	George E. Hall, clergyman, Dover.
" 29.	"	Addie E. Howes	"	23	23	"	Lee	William and Elizabeth	1st	George E. Hall, clergyman, Dover.
" 29.	"	Willie J. Hill	Madbury	22	22	Painter	Elliot, Me.	John N. and Sarah	1st	George E. Hall, clergyman, Dover.
" 29.	"	Louisa E. Bidman	Kennebunkp't, Me	19	19	"	Hollis	Oliver and Eliza	1st	George E. Hall, clergyman, Dover.
" 29.	"	Willie H. Stevens	Windham, Mass.	30	30	Clergyman	Dover		1st	
" 29.	"	Addie S. Daniels	Dover	30	30	"			1st	
" 29.	"	George M. Woodwell	Boston, Mass.	33	33	Bookseller			1st	
" 29.	"	Ida E. Staples	Dover	28	28	Carpenter			1st	
" 29.	"	Hamilton I. Smith	Dover	21	21	Merchant			1st	
" 29.	"	Mary E. Gate	Elliot, Me.	50	50				1st	
" 29.	"	John H. Dame	Hollis	39	39				1st	
" 29.	"	Edith B. Nason	Dover						1st	
" 29.	"	Charles H. Worcester							1st	
" 29.	"	Sarah E. Hayes							1st	

MARRIAGES REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31, 1887. — *Concluded.*

Date of marriage.	Place of Marriage.	Name and surname of groom and bride.	Residence of each at time of marriage.	Age of each.	Color of each.	Occupation of groom and bride.	Place of birth of each.	Names of Parents.	What marriage—whether 1st, 2d, etc.	Name, residence, and official station of person by whom married.
Nov. 1.	Dover.....	Charles G. Smart.....	Dover.....	26	W	Teamster.....	.....	Charles A. and Lydia G.	1st	H. F. Wood, clergyman, Dover.
" 2.	"	Lillian A. Woodes.....	"	24	"	"	Dover.....	George F. and Mary. . .	1st	H. F. Wood, clergyman, Dover.
" 9.	"	Herbert E. Knight.....	Kennebunk, Me....	22	"	Clerk .....	Windom, Me.....	Joseph H. and Mary A....	1st	I. W. Beard, clergyman, Dover.
" 12.	"	Imogene Buzzell.....	Ken'bk'port, Me....	16	"	"	Dover.....	William W. and Abby.....	1st	I. W. Beard, clergyman, Dover.
" 15.	"	Frank W. Prescott.....	Dover.....	22	"	Farmer.....	New York, N. Y.....	Samuel and Mary.....	1st	J. B. Stevens, Jr., justice, Dover.
" 19.	"	Elizabeth Presten.....	Durham.....	22	"	"	Dover.....	Washington P. and Amanda S.	1st	I. W. Beard, clergyman, Dover.
" 23.	"	Fred S. Hayes.....	Dover.....	33	"	Painter.....	Barnstead.....	Horace and Abby.....	1st	I. W. Beard, clergyman, Dover.
" 26.	"	Bessie Parsley.....	"	22	"	"	Dover.....	Joshua and Hannah.....	2d	I. W. Beard, clergyman, Dover.
" 30.	"	Edward H. Varney.....	Hartford, Ct.....	46	"	Tailor .....	"	Daniel K. and Hannah....	1st	James Thurston, clergyman, Dover.
" 1.	"	Emily A. Webster.....	Dover.....	46	"	"	Freedom.....	Eben H. and Lydia A....	1st	F. K. Chase, clergyman, Dover.
" 2.	"	Henry E. Perkins.....	Wakefield.....	35	"	Cabinet worker.....	Newfoundland.....	Emanuel and Matilda....	1st	F. K. Chase, clergyman, Dover.
" 3.	"	Mary A. Hamilton.....	Boston, Mass.....	26	"	Laboret.....	Portsmouth.....	Frank and Eliza.....	1st	F. K. Chase, clergyman, Dover.
" 4.	"	Edward Cole.....	Dover.....	18	"	"	Salmon Falls.....	Samuel and.....	1st	F. K. Chase, clergyman, Dover.
" 5.	"	Cora W. Witham.....	"	16	"	Clerk .....	Dover.....	William and Francis M....	1st	F. K. Chase, clergyman, Dover.
" 6.	"	Edwin Burr.....	"	40	"	"	Newburyport, Mass.....	Miles K. and Almira W....	1st	F. K. Chase, clergyman, Dover.
" 7.	"	Eta J. Buzzell.....	"	27	"	Shoemaker.....	Biddeford, Me.....	Jacob and Eliza.....	1st	H. F. Wood, clergyman, Dover.
" 8.	"	Charles E. Christenon..	"	24	"	"	Clifton, Me.....	Charles and Mary A.....	1st	H. F. Wood, clergyman, Dover.
" 9.	"	Cora S. Miliken.....	Haverhill, Mass....	23	"	Shoecutler.....	East Boston, Mass.....	James G. and Jane H.....	1st	H. F. Wood, clergyman, Dover.
" 10.	"	Wesley L. Hall.....	"	21	"	"	Dover.....	William and Ann.....	1st	F. K. Chase, clergyman, Dover.
" 11.	"	Mary A. Crowley.....	Pembroke, Me.....	21	"	Shoemaker.....	"	Frank and Emma.....	1st	F. K. Chase, clergyman, Dover.
" 12.	"	Frank E. Little.....	Dover.....	16	"	Shoemaker.....	"	George K. and Ann.....	1st	F. K. Chase, clergyman, Dover.
" 13.	"	Jennie C. Baker.....	"	28	"	"	Kennebunk, Me.....	Charles and Mary A.....	1st	F. K. Chase, clergyman, Dover.
" 14.	"	William W. Willand.....	"	28	"	Shoemaker.....	Waterboro', Me.....	Granville F. and Lydia....	1st	Charles Par k h u r s t, clergyman, Dover.
" 15.	"	Maynettie Miliken.....	"	21	"	"	Milton.....	Silas K. and Eliza.....	1st	
" 16.	"	Paul B. Hill.....	Kennebunk, Me....	30	"	Laboret.....	Rochester.....	Thomas and Abigail.....	1st	
" 17.	"	Georgia A. Smith.....	Dover.....	21	"	Trader.....		Ephraim and Mary.....	1st	
" 18.	"	Byron F. Hayes.....	"	23	"	"			1st	
" 19.	"	Mary F. Whitehouse....	"	27	"	"			1st	



Dec.	1.	Dover	Henry J. Holland	Portland, Me.	72	W	Livery	Lewiston, Me.	John and Rebecca	3d	F. A. Dillingham, clergyman, Dover.
"	3.	"	Jessie D. McIntosh	Boston, Mass.	64	"	Machinist	P. E. Island	James and Mary	1st	H. F. Wood, clergyman, Dover.
"	3.	"	Jeremiah Patterson	Saco, Me.	19	"	"	Saco, Me.	Joseph and Mary	1st	J. B. Stevens, Jr., justice, Dover.
"	3.	"	Mary L. Johnson	Biddeford, Me.	19	"	Baker	Biddeford, Me.	John and Mary	1st	J. B. Stevens, Jr., justice, Dover.
"	10.	"	James Kenus	Portland, Me.	22	"	"	"	Peter and Hannah	1st	J. B. Stevens, Jr., justice, Dover.
"	10.	"	Mary Faley	Lewiston, Me.	19	"	Trader	New Brunswick	Alexander and Martha	2d	F. A. Dillingham, clergyman, Dover.
"	11.	"	John A. Nickerson	"	54	"	"	Litchfield, Me.	Reuben and Elizabeth	2d	F. A. Dillingham, clergyman, Dover.
"	11.	"	Luella Gentleman	Dover	35	"	"	Madbury	James H. and Eliza A.	2d	C. B. Turner, clergyman, Dover.
"	11.	"	Reuben Gates Hayes	"	34	"	Sodawater mfr	Worcester, Mass.	Samuel and Margaret	1st	Charles Parkhurst, clergyman, Dover.
"	11.	"	Elizabeth A. Blanchard	N. Berwick, Me.	40	"	Carpenter	"	Richard and Margaret	1st	I. W. Beard, clergyman, Dover.
"	11.	"	Percy A. Boyd	"	27	"	"	N. Berwick, Me.	Josiah M. and Abby M.	1st	F. A. Dillingham, clergyman, Dover.
"	13.	"	Annie B. Wrenwood	"	19	"	"	"	Thomas and Mary	1st	F. A. Dillingham, clergyman, Dover.
"	13.	"	Richard H. McCabe	Dover	24	"	Machinist	Kenneb'kport, Me.	Winslow and Sophia	1st	C. B. Turner, clergyman, Dover.
"	15.	"	Eva H. Smith	"	21	"	"	Dover	John H. and Nancy A.	1st	I. W. Beard, clergyman, Dover.
"	15.	"	Frank J. Adderton	Kittery, Me.	30	"	Machinist	Freeport, Me.	David and Mary	1st	I. W. Beard, clergyman, Dover.
"	15.	"	Eva Perkins	Farlington	21	"	"	Boston, Mass.	Jonathan and Isabel	1st	H. F. Wood, clergyman, Dover.
"	19.	"	Edward S. Judkins	E. Providence, R.I.	30	"	Manufacturer	E. Providence, R.I.	Daniel P.	1st	Charles Parkhurst, clergyman, Dover.
"	20.	"	Clarabel Hall	Dover	29	"	"	Dover	Charles W. and Abby A.	1st	I. W. Beard, clergyman, Dover.
"	20.	"	Theodore H. Rollins	"	24	"	Farmer	Rollinsford	Albion and Mary	1st	H. F. Wood, clergyman, Dover.
"	20.	"	Sadie A. Hooper	"	24	"	"	Dover	William and Betsy	1st	H. F. Wood, clergyman, Dover.
"	20.	"	John High	"	28	"	Weaver	England	Charles E. and Henrietta	1st	F. K. Chase, clergyman, Dover.
"	24.	"	Emily Gentleman	"	29	"	"	Dover	Henry and Rosa	1st	George F. and Sarah F.
"	24.	"	Peter A. Hughes	"	20	"	Shoemaker	Ireland	John and Elizabeth	1st	I. W. Beard, clergyman, Dover.
"	24.	"	George E. York	"	20	"	"	"	Benjamin and Maria	1st	
"	24.	"	Edmund Boston	Wells, Me	21	"	Shoecutter	Wells, Me			
"	24.	"	Villa A. Morine	Dover	21	"	"	Nova Scotia			
"	24.	"	Charles F. Richards	"	30	"	Shoemaker	Detroit, Mich.			
"	27.	"	Charles O'Neil	"	29	"	"	Dover			
"	27.	"	Maria Taylor	"	25	"	Brick-maker	Pembroke, Me.			
"	28.	"	Anna C. Pinkham	"	15	"	"	Dover			
"	28.	"	Pelix Donnelly	"	28	"	Mill operative	Ireland			
"	31.	"	Ann O. Marston	"	22	"	"	New Hampton			
"	31.	"	John Higginbottom	Biddeford, Me.	28	"	Trader	"			
"	31.	"	Sarah J. Goodwin	"	26	"	"	"			

# DEATHS REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31, 1887.

Date of death.	Place of Death.	Name and surname of the deceased.	Age.		Place of Birth.		Sex and Con- dition.			Occupation.	Place of Birth.		Name of Father.	Maiden Name of Mother.		
			Years.	Months.	Days.	Male.	Female.	Color.	Single, mar- ried, or widowed.		Father.	Mother.				
Jan. 2	Dover.	Christine Hanson.....	83	2	..	Lee.....	..	F	W	M	Housewife.....	Lee.....	.....	Daniels.....	Polly Daniels.	
" 3	"	Walter E. Locke.....	27	7	13	Rochester.....	M	..	..	S	Harness-maker	Rochester.....	Rochester.....	Samuel Locke.....	Lydia A. Seavey.	
" 5	"	Ray Shepardon.....	37	2	18	Dover.....	..	..	..	..	..	Shrewsbury, Ms.	Shrewsbury, Ms.	E. D. Shepardon...	Mabel L. Jones.	
" 6	"	Ira Gray.....	37	..	..	Barrington.....	..	..	..	..	..	..	..	..	..	
" 9	"	F. H. Dame.....	32	5	27	Dover.....	..	F	..	M	Laborer.....	Dover.....	Dover.....	S. Hiram Dame....	Mary E. Henderson.	
" 9	"	Lydia F. Hammond..	30	7	..	"	..	..	..	..	Housewife.....	..	..	Enoch Brown.....	Abbie Brown.	
" 10	"	George M. Ford.....	30	..	..	Vermont.....	M	F	..	..	Pattern-maker..	Vermont.....	Vermont.....	Gurdin Hamlet....	Susan Ford.....	
" 12	"	Annie Morgan.....	17	..	..	Dover.....	..	F	..	..	..	..	..	James.....	Ann Haughey.	
" 14	"	Nellie M. Mills.....	22	8	23	Berwick, Me....	..	..	..	S	..	Berwick, Me....	Berwick, Me....	Charles E. Coffin...	Sarah E. Knox.	
" 17	"	John Stiv'st'r Jordan	75	..	..	Dublin, Ireland	M	..	..	..	Designer.....	Ireland.....	Ireland.....	Robert.....	Robert.....	
" 18	"	Charles L. Chapman	55	7	21	Sanford, Me....	..	..	..	..	Watchman.....	Lebanon, Me....	Lebanon, Me....	Charles L. Chapman	Charles L. Chapman	Margaret Gaivell.
" 22	"	Josiah Goodhue.....	87	10	28	Brookfield.....	..	..	..	..	Switchman.....	..	..	Josiah.....	Hannah.....	..
" 22	"	Sallie Kimball.....	83	2	27	Dover.....	..	F	..	S	..	..	Dover.....	Dover.....	James.....	Nancy Horne.
" 24	"	Fred C. Davis.....	1	4	16	Madbury.....	M	..	..	..	Miner.....	..	..	John.....	Frank E.....	Emma A. Willey.
" 26	"	William Thompson..	65	1	10	Scotland.....	..	..	..	W	..	..	Scotland.....	Scotland.....	John.....	Mary McKicker.
" 28	"	Charles E. Sullivan..	63	11	7	Dover.....	..	..	..	..	..	..	Ireland.....	Ireland.....	Patrick.....	Julia Mahoney.
" 30	"	Charles H. Bunce.....	63	..	..	England.....	..	..	..	W	..	..	..	..	..	..
" 30	"	Catherine Grimes..	30	..	..	Ireland.....	..	F	..	..	..	..	..	..	..	..
" 31	"	Edmund Tolman.....	93	..	..	Dorchester, Mass.	M	..	..	..	..	..	..	..	..	..
Feb. 1	"	George A. Young.....	29	2	4	Dover.....	..	..	..	S	Farmer.....	Dover.....	Woodstock, Vt.	Woodstock, Vt.	Jonathan.....	Elizabeth L. ....
" 2	"	Mary Gleason.....	78	9	..	Ireland.....	..	F	..	M	Housewife.....	..	Ireland.....	Ireland.....	James Murray....	Ann Shaugnessy.
" 4	"	Rebecca C. Towle....	68	9	9	Topsham, Vt....	..	..	..	..	..	..	..	..	..	..
" 5	"	William Demier.....	1	6	..	Dover.....	M	..	..	S	Printer.....	..	..	..	..	..
" 6	"	William H. Folsom..	18	5	2	"	..	..	..	..	Acton, Me.....	Acton, Me.....	Goffstown.....	Goffstown.....	Ezra G.....	Susan A. Abbott.
" 14	"	Basil Brackett.....	2	2	9	Goffstown.....	..	..	..	..	Great Falls.....	Great Falls.....	Barrington.....	Barrington.....	Chalmers.....	Cora J. Foot.
" 15	"	Thomas M. Nelson....	82	3	24	Dover.....	..	..	..	..	..	..	..	..	..	..
" 20	"	Stuart Clifford.....	82	2	10	Newburypt, Mass	..	..	..	M	Dyer.....	Rumney.....	S. Hampton.....	S. Hampton.....	Benjamin.....	Cora J. Hall.
" 21	"	Marianna W. Tash..	36	4	..	Dover.....	..	F	..	W	..	Derry.....	Milton.....	Milton.....	Daniel K.....	Currier.
															Elizabeth Downs.	Elizabeth Downs.

Feb. 25	Dover.	Thomas Rutter.	58	2	4	England.				Farmer.	England.	England.	George.	Ann Griffin.
" 27	Boston, Mass.	Sarah J. Butterfield.	57	11		Canada.					Canada.	Wellfleet, Mass.	John.	Cecile Rouel.
" 27	Dover	Rebecca Allaire.	11			Wellfleet, Mass.					Wellfleet, Mass.		George Baker.	Marcia Higgins.
" 28	"	Marcia T. Rich.	42	7									William Just.	Alice A. Hackett.
" 28	"	Phoebe Coleman	88	3	5	New Britton, Ct.					N. Y.		Harry.	Bridget.
Mar. 1	"	Frank R. Just.	41	8		Ireland					Ireland.		George H.	Ira B. Goodwin.
" 4	"	Ann Battles.	49	9									Richard	Charline Cavanaugh.
" 5	"	Warren H. Foss	1	13		Dover.					Dover.		George H.	Ira B. Goodwin.
" 5	"	James Paul.	73			Ireland.					Ireland.		Edwin Young.	Mary Hathaway.
" 5	"	Ralph W. Foss	1	5		Dover							David W.	Belle V. Hucksins.
" 5	"	Young	3											
" 7	"	Charles A. Cate.	3	11										
" 7	N. Adams, Ms.	Charles A. Bracewell.	19											
" 8	Dover.	Sarah Seavey	88	4		Pittsfield.					Wakefield.		Sanborn.	
" 8	"	Nathan L. Dearborn	37	9	17	Wakefield.					Newmarket.		Thomas L.	Sarah A. Dame.
" 11	"	Hannah W. Dearborn	76	9	7	Parsonfield, Me							Marston Ames	Mary Manning.
" 13	"	Bridget McCabe	49			Ireland					Ireland.		Arthur Murray	Mary Macklin.
" 17	"	Ellen Hughes.	36	7	13	Dover.							Stephen Pier.	Catherine Taylor.
" 19	"	Esther Abbott.	72	10	19	Lebanon, Me							Thomas Langley	Sally
" 21	"	Mary Langley	87	2	21	N. H.							Rodney B.	Deborah Randall.
" 23	"	Hiram L. Holt.	34	2	4	Dover.								Abby F. Jones.
" 24	"	Edward A. Styles.	54	2										
" 24	Dayton, O	Moses W. Fiske	58											
" 26	Dover.	Arthur Rines.	3	20		Dover.							Anos H.	Mary A.
" 26	"	Ellen Mullen	60	5	25	Canton.							Michael J.	Kate Duffy.
Apr. 1	"	Warren Billings	60	5	25	Dover							Stephen A. Estes	Anna F. Stevens.
" 1	"	John F. Haughey	1	10									Michael	Ellen McCool.
" 5	"	Letitia Benn	59	8	29	New York.							Charles B.	Lucy A. Quimby.
" 6	"	Charles A. Osborn	25	6	26	Dover							Nehemiah Lougee.	Dorothy Hull.
" 6	"	Olive M. Chadwick	48	1	10	Gilmanton								
" 7	"	Sarah A. Elliott.	83	1	6	Dover								
" 10	"	Phoebe Hall.	67			Barrington								
" 12	"	Horace Dashe	38			Great Falls								
" 13	"	Margaret Murphy	46			Ireland.								
" 17	"	Susan Avery	68			Farmington								
" 20	"	Rufus B. Emery	42	5	13	S. Berwick, Me.								
" 20	"	Lavinia W. Haley	48	1	3	Exeter								
" 21	"	Mary S. Casey	82	5		Rochester								
" 27	"	Mary Maso	92			Ireland.								
" 27	"		86	4		N. H.								

DEATHS REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31, 1887. — *Continued.*

Date of death.	Place of Death.	Name and surname of the deceased.	Age.			Place of Birth.			Sex and Condition.			Occupation.	Place of Birth.		Name of Father.	Maiden Name of Mother.
			Years.	Months.	Days.				Male.	Female.	Color.		Father.	Mother.		
Apr. 29	Dover.	Samuel T. Walker.	4	2	21	Dover.			M		W	S	N. H.	Me.	Joseph T. Walker.	Sarah E. Tibbetts.
" 28	"	Charles E. Nason.	6	2		Rollinsford.					"	"	S. Berwick, Me.	N. Berwick, Me.	Samuel G. Nason.	Olive A. Staples.
" 30	"	Harry E. Arno.	31	1	21	Dover.			"		"	"	Mass.	Mass.	John Platts.	Mary Palmer.
May 10	"	John L. Platts.	78	11	20	Mass.			"		"	M	Salmon Falls.	Salmon Falls.	James Higgins.	Abby Miller.
" 11	"	Lottie Higgins.	11	6	26	Dover.				F	"	S	Salmon Falls.	Salmon Falls.	Patrick.	Jane.
" 12	"	Margaret Smith.	24	2		Ireland.					"	"	Ireland.	Ireland.	George.	Hannah.
" 13	"	Ethel B. Moore.	1	6	4	Dover.					"	"	England.	England.	Beniah.	Abigail Gilman.
" 14	"	Albert S. Davis.	65	1	5	Ripley, Me.			M		"	M	N. H.	N. H.	Harvey.	Elizabeth Demeritt.
" 15	"	Melvin J. Chandler.	23			Ireland.			"		"	"	Bradford, Mass.	Durham.	Moses.	Bridget.
" 16	"	Calvin Hale.	71	4	19	Rochester.			"		"	S	Ireland.	Ireland.	John.	Ann Brennan.
" 17	"	James Kelley.	19			Ireland.			"		"	"	"	"	Peter.	Catherine Welch.
" 20	"	Patrick Cassidy.	46	7		Scotland.			"		"	"	"	"	Hugh McCabe.	Nary Tibbetts.
" 21	"	Catherine McArdle.	20			Ireland.			"		"	"	"	"	Joshua.	Margaret McMahon.
" 22	"	Sarah Hubbard.	48	5	23	Somersworth.			"		"	S	Berwick, Me.	Berwick, Me.	Edmund Neville.	
" 23	"	Mary Feeney.	27			Ireland.			"		"	"	Ireland.	Ireland.		
" 24	Boston, Mass.	Benj. T. Crockett.	57	3		Dover.			M		"	S	Canada.	Canada.	George A.	Nellie A. Hall.
" 25	Dover.	Olive Pebeau.	3	5	14	Nashua.				F	"	"	Reading, Mass.	Mont Vernon.	Charles S.	Anna L. Sherburne.
" 26	"	Phoebe Damon Niles.	80	8		Reading, Mass.			"		"	M	Farmington.	Dover.	Patrick Hughes.	
" 30	"	Susan S. Spurlin.	15	4	27	Wolfeborough.			"		"	S	Wakefield.	Barrington.		
" 30	"	Cora E. Fellows.	15	11	15	Barrington.			"		"	"	Ireland.	Ireland.		
June 1	"	Ellen McGuinness.	70			Ireland.			"		"	"	Ireland.	Ireland.		
" 2	"	Alice G. Scriggins.	83	11		Kingston.			"		"	"	Ireland.	Ireland.		
" 3	"	Patrick Daily.	32			Ireland.			M		"	M	Ireland.	Ireland.	Patrick.	Mary.
" 3	"	Rhoda Buzzell.	92			Ireland.			"		"	"	Gorham.	Bangor, Me.	Luke Munch.	
" 4	"	Guy Hamilt'n Colbath.	47	1	23	Etna, Me.			"		"	"	Milton.	Lafayette.	S. A. Langley.	
" 4	"	Isaac D. Stewart.	63	5	15	Warner.			M		"	"	Warner.	John Stewart.		
" 7	"	Lucy Spurlin.	63	10	25	Sandwich.			"		"	"	Sandwich.	Sandwich.	John Brown.	Lizzie Blanchard.
" 7	"	Isaac D. Stewart.	63	10	25	Sandwich.			"		"	"	Sandwich.	Sandwich.	John Brown.	Lizzie Blanchard.
" 8	Springvale, Me.	Bridget Morrissey.	77	6	10	Berwick, Me.			"		"	"	Berwick, Me.	Berwick, Me.	Thomas Grover.	Mary Shaw.



June 10	Dover	Daniel Grover	.....	Dover	.....	M	W	.....	Berwick, Me.	Berwick, Me.	Patrick	Mary Murray.
" 14	"	Brennan	.....	"	.....	"	"	.....	Ireland	N. H.	John Arnold	Mary A. Gleason.
" 14	"	Lizzie M. Goodchild	34	9	8 Hampstead	.....	F	.....	Dover	Durham	Philemon	Betsey Torr.
" 18	"	William L. Chandler	82	20	Dover	.....	"	.....	Durham	Durham	Paul	Eveline Bingham.
" 27	"	Samuel Chesley	83	7	Madbury	.....	"	.....	Durham	Durham	John	Jemima Thurston.
" 28	"	Tyler B. Proctor	39	5	Westford, Vt.	.....	"	.....	Durham	Durham	John	Sarah A. Holland.
" 29	Alton Bay	Thomas Ryan	67	5	Ireland	.....	"	.....	Durham	Durham	John	Lydia H. Goodrich.
July 1	Dover	Cal-b T. Keniston	55	15	Holderness	.....	"	.....	Dover	Durham	Jonathan	.....
" 2	"	James E. Hanlon	1	9	Dover	.....	"	.....	Dover	Durham	Jonathan	.....
" 4	"	Almira P. Durgin	48	9	"	.....	"	.....	Dover	Durham	Jonathan	.....
" 4	Wolfeborough	Susan F. Shackley	6	11	"	.....	"	.....	Ireland	Ireland	John	Mary McQuillan.
" 5	Dover	Everett McCoolle	83	6	Dover	.....	"	.....	Dover	Ireland	Jonathan Cushing	Hannah M. —
" 5	"	Eliza Bickford	58	7	.....	.....	"	.....	Dover	N. Berwick, Me.	Thomas Chase	Sarah Libbey.
" 8	"	Betsey Horne	79	8	N. Berwick, Me.	.....	"	.....	Canada	Canada	Arthur	.....
" 8	"	Erastine Potoia	520	Dover	.....	"	"	.....	Canada	England	C. A. Rollins	Mary A. Haley.
" 8	"	Frank O. Rollins	13	3	Holyoke, Mass	.....	"	.....	Canada	England	Edward Cotton	.....
" 9	"	Abigail T. Clark	78	3	Dover	.....	"	.....	Ireland	Ireland	James	Mary —
" 11	"	Thomas Davey	4	4	"	.....	"	.....	Ireland	Ireland	James	Betsey Folsom.
" 15	"	Mary Jane Durgin	62	4	"	.....	"	.....	New Durham	New Durham	Daniel Derrigo	Ann McGlone.
" 17	"	Wm. Peter Quinn	418	"	"	.....	"	.....	Ireland	Ireland	John	.....
" 17	"	Annie Davey	4	10	"	.....	"	.....	"	"	Thomas	Mary —
" 17	"	Thomas P. Smith	6	"	"	.....	"	.....	"	"	Thomas	Mary Donnelly.
" 20	"	Thomas Hennessey	45	6	Ireland	.....	"	.....	"	"	Patrick	Margaret —
" 20	"	Oliver Dore	80	5	Lebanon, Me	.....	"	.....	Lebanon, Me.	Lebanon, Me.	Benjamin	Betsey Lord.
" 21	"	Samuel Jordan	32	6	Dover	.....	"	.....	England	England	John S.	Amelia Bell.
" 22	"	Octave Boutiette	45	"	Canada	.....	"	.....	Canada	Canada	Julian	.....
" 25	"	John W. Mason	111	11	Barrington	.....	"	.....	Canada	Canada	Julian	.....
" 25	Lowell, Mass	Robert Osborn	26	5	19	.....	"	.....	England	England	Frank	Mary A. Quinn.
" 25	Dover	Joseph F. Murray	5	5	Dover	.....	"	.....	Ireland	Ireland	Patrick	Elizabeth Hoye.
" 26	"	Matthew Halloran	24	7	S. Newmarket	.....	"	.....	Ireland	Ireland	James	Margaret —
" 26	"	John Clark	50	3	Scotland	.....	"	.....	Scotland	Scotland	Joseph	Anna Palmer.
" 27	"	William Dame	59	10	Acton, Me.	.....	"	.....	Rollinsford	Rollinsford	John	Elizabeth Gray.
" 27	"	Clarissa Canovan	72	7	Barrington	.....	"	.....	Barrington	Barrington	John Waldron	.....
" 30	Boston, Mass	John M. Goodwin	34	"	"	.....	"	.....	Ireland	Ireland	Isaac S.	Hannah H. Lord.
" 30	Dover	Alice Francis	82	"	Ireland	.....	"	.....	Lynan, Me.	Lynan, Me.	James	Kate McCabe.
" 30	"	Frank I. Roberts	53	10	15 Gorham, Me	.....	"	.....	Scotland	Scotland	James	Margaret —
" 31	"	Catherine McArdle	54	4	3 Dover	.....	"	.....	Ireland	Ireland	Hiran J.	Mary Anazeen.
Aug. 1	"	John Frank Brown	53	4	11 Moultonborough	.....	"	.....	Ireland	Ireland	Joseph Wentworth	Paulina H. —
" 1	"	John H. Walker	41	10	15 Dover	.....	"	.....	Cambridge, Ms.	Cambridge, Ms.	Esra D. Nook	.....
" 4	"	Mary A. Pinkham	41	2	23 Farnington	.....	"	.....	Woodstock, Vt.	Woodstock, Vt.	.....	.....
" 4	"	Laura A. Varney	56	8	11 Webster, Mass.	.....	"	.....	.....	.....	.....	.....

DEATHS REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31, 1887. — *Continued.*

Date of death.	Place of Death.	Name and surname of the deceased.	Age.			Place of Birth.	Sex and Condition.			Occupation.	Place of Birth.		Name of Father.	Maiden Name of Mother.
			Years.	Months.	Days.		Male.	Female.	Color.		Father.	Mother.		
Aug. 5	Dover	Hattie E. Pettis.....	5	15		Dover.....		F	M	Carpenter	Dover.....	Dover	William.....	Melitable Baker.
" 5	"	Thomas B. Twombly.....	81	6	5	"	M	"	"	Mason	Hartford, Ct.....	"	Frank P.....	S. M. Philpott.
" 6	"	John Webster.....	83	8	18	Hartford, Ct.....	"	"	"	"	Durham.....	Rollinsford	Tyler B.....	Clara B. Leighton.
" 6	"	Angie Coleman.....	13			Dover.....	"	F	"	"	Westfield, Vt.....	Farmington	"	"
" 7	"	Amey L. Proctor.....	121			"	"	"	"	"	"	"	"	"
" 8	Somerville, Ms.	Betsy Cummings.....	67			"	"	"	"	"	Dover.....	Milton.....	Samuel Hanson.....	Clarissa Varney.
" 9	Dover	Mary Drew.....	56	6	14	Dover	"	"	"	"	"	N. Y.	Hiram Burley.....	Mary A. Sawtelle.
" 10	"	Ernest J. Hurley.....	56	6	13	"	M	"	"	"	"	N. H.	George.....	Jennie Cooley.
" 11	"	Joseph H. Maguire.....	8	24		"	"	"	"	"	England.....	England	Henry.....	Harriet Cowan.
" 11	"	James A. Hallworth.....	19	9	2	N. H.	"	"	"	"	England.....	Ireland	James.....	Jane.....
" 14	"	William J. Adamson.....	33	12		Ireland	"	"	"	"	Canada.....	Canada	Michael.....	Emma.....
" 14	"	Fred Pectean.....	33	11	16	Dover	"	"	"	"	Ireland.....	Ireland	Samuel.....	Amie Hughes.
" 16	"	Kate Donnelly.....	117			"	F	"	"	"	Canada.....	Ireland	John C.....	Ann McManus.
" 16	"	Alice Welch Buzzell.....	20	5	8	"	"	"	"	"	Ireland.....	New Durham.....	Samuel M.....	Dorothy O. Gray.
" 17	"	Catherine Heron.....	17	8	28	"	"	"	"	"	Ireland.....	Ireland	Peter.....	"
" 18	"	John Leigh.....	61	9	6	England	M	"	"	"	England.....	England	Nicholas Morrill.....	Abigail Bickford.
" 19	"	Sarah M. Ham.....	76	5	14	Parsonfield, Me.....	"	F	"	"	Parsonfield, Me.....	Parsonfield, Me	Jeremiah Towle.....	Deborah Bean.
" 19	"	John W. Towle.....	76	11	12	Hanover.....	"	"	"	"	Raymond.....	Alton.....	Jeslyn Hildran.....	Mary Samples.
" 19	"	Mary Whitehouse.....	72	4	17	Mass.....	"	F	"	"	"	Mass.	"	Lizzie A.....
" 21	"	Benjamin F. Luce.....	1	2	27	Farmington, Me.....	"	"	"	"	"	Me.....	John.....	Delia Kerns.
" 21	"	William Rogers.....	10			Biddeford, Me.....	"	"	"	"	Biddeford, Me.....	Ireland	Henry.....	Jeannette Brown.
" 24	"	Ethel Taylor.....	1	20		Dover.....	"	F	"	"	England.....	Scotland	John.....	Margaret Smith.
" 25	"	James Hanna.....	60			Ireland.....	"	"	"	"	Ireland.....	Ireland	William.....	Kate Ingham.
" 25	"	Albert Turner.....	60	4	14	Dover	"	"	"	"	Ireland.....	Ireland	John Green.....	Mary.....
" 26	"	Mary A. Green.....	64			"	"	F	"	"	Ireland.....	Ireland	"	"
" 27	Boston, Mass.	Curtis N. Allen.....	64			"	"	"	"	"	"	"	"	"
" 27	Bradford, Mass	Matilda Gerrish.....	60	11		"	"	"	"	"	"	"	"	"
" 28	Dover	Thomas Stevenson.....	78	10	17	Wolfeborough.....	"	"	"	"	Dover.....	Brookfield.....	Thomas.....	Sarah.....

Aug. 29	Dover.	Carrie G. Wood.	40	3	7	Newton, Mass.	...	F	W	M	Shoe-finisher...	England...	Wakefield...	Thomas ...	Louisa ...
" 29	"	Ann McEl'y.	50	1	1	Portland, Me.	...	"	"	W	Ring-Spinner	Ireland...	Ireland	Matthew Sully.	Mary E. Fitzpatrick.
" 30	"	Alfred H. Sayer.	5	1	1	Dover.	M	"	"	S	"	England	England	Alfred R.	Elizabeth Cook.
" 31	"	Ann J. Hennessey.	5	10	10	"	"	F	"	"	"	Ireland	Ireland	John Hobbs.	— Lord.
Sept. 2	"	Nanna Moody.	80	9	10	"	"	"	"	W	"	Danvers, Mass.	Middleton...	Frank Bartholomew	"
" 2	"	Benjamin F. Chase.	10	26	26	"	"	"	"	S	"	Canada	Canada	Arrie	"
" 3	"	Marie F. Bedaute.	7	1	23	Canada	"	F	"	"	"	Somerville, Ms.	Boston, Mass.	Sarah F. Barnard.	"
" 4	"	William Arlin.	66	1	23	Dover.	M	"	"	W	Laborer	"	"	John S. Powers.	"
" 4	"	Rose Hanton.	3	7	7	Barrington	"	F	"	S	"	"	"	"	"
" 5	"	Maggie Grady.	19	3	19	Ireland.	"	"	"	"	Mill operative.	Ireland.	Ireland	Peter	Mary
" 7	"	Rose Kelley.	7	3	19	Dover.	"	"	"	"	"	"	"	Jerome.	Kate Connor.
" 7	"	Gero King.	7	4	4	"	"	"	"	"	"	Canada.	Canada	Richard	Addie Stone.
" 8	"	Ann M. Berry.	48	4	4	"	"	F	"	"	Lawyer	Somersworth.	Dover	Thomas J. W.	Ann M. Meader.
" 8	"	Thomas M. Fry.	30	5	10	"	"	"	"	W	Housewife.	Parsonsfield, Me	Bath, Me.	Eliza Sargent.	Sarah E. Wheeler.
" 11	"	Elizabeth M. Sawyer.	67	10	21	Parsonfield, Me.	"	F	"	"	"	Dover.	"	William R. Clark.	Mary E. McDonald.
" 11	"	Susie A. Clark.	8	8	8	Dover.	"	"	"	S	"	"	"	William	Comfort Drew.
" 11	Madbury.	Samuel Saunders.	93	5	23	Strafford	M	"	"	W	Farmer.	Phillips, Me.	"	Guy Howard.	Mahala Carlton.
" 15	Dover	Helena M. Stover.	47	2	13	Lovell, Me.	"	F	"	M	"	Me.	"	B. Frank Atwater.	Carrie L.
" 17	"	Gertie Atwater.	6	7	23	Me.	"	"	"	S	"	Rochester	Milton	Ephraim Perkins.	Susan Wentworth.
" 19	"	Fanny H. Bosworth.	42	2	23	Farmington	"	"	"	M	"	Ireland.	Ireland	Thomas.	Mary Pard.
" 19	"	Joanna Milhan.	21	1	1	Ireland.	"	"	"	S	"	Madbury.	"	Jeremy	Anna Kimball.
" 19	"	Ellen F. Young.	66	5	28	Dover	"	"	"	"	"	"	"	"	"
" 20	Farmington.	William Leighy.	28	10	13	"	"	"	"	"	"	"	"	"	"
" 20	Dover.	John N. Carney.	81	2	24	Madbury.	M	"	"	S	Painter	Durham.	Rochester	Jacob	Sarah Jeanness.
" 21	"	Mary A. Sullivan.	28	8	24	Madbury, N. Y.	"	F	"	M	"	Ireland.	Ireland	Robert Bogle.	Mary Murray.
" 23	"	William Gray.	83	8	27	Barrington.	M	"	"	W	"	Barrington	Barrington	Eben Gray.	Deborah Hodgdon.
" 24	"	Augusta Rich.	72	11	28	Me.	"	F	"	"	"	Dover	"	Joseph Bouchie.	Deborah McFarland.
" 26	"	George H. Hanson.	46	5	3	Dover	"	"	"	"	"	Dover	"	Stephen H.	Martha A. Varney.
" 28	"	Frank Follett.	1	6	28	"	"	"	"	S	"	"	"	Frank	Sarah Miller.
" 30	"	"	"	"	"	"	"	"	"	"	"	Ireland.	"	Timothy E.	Sarah E. Sterling.
Oct. 2	"	John H. Durbin.	40	1	1	"	"	"	"	"	"	Lewiston, Me.	S. Berwick, Me.	Edward.	Susan A. Wesley.
" 2	"	John H. Durbin.	40	1	1	"	"	"	"	"	"	"	"	"	"
" 3	Boston, Mass.	Elizabeth T. Corson.	45	1	10	"	"	F	"	"	"	"	"	"	"
" 3	Lewiston, Me.	Alfred Moore.	40	7	27	Canada.	M	"	"	"	"	Canada.	Canada	Frank	Almira Cote.
" 3	Dover	Pauline Boucholt.	2	8	8	"	"	F	W	S	Loon-fixer.	England	England	Timothy Hussey.	Margaret
" 4	"	Richard Holland.	30	6	3	England.	"	"	"	M	"	Dover	Rollinsford.	George	Margaret
" 4	"	Mary E. Snell.	77	9	12	Dover	"	F	"	W	"	Ireland	"	Peter.	Elizabeth
" 4	"	Susan Kelley.	4	4	26	"	"	"	"	S	"	"	"	Daniel Doherty.	Kate
" 5	"	Margaret Harkins.	64	"	"	Ireland.	"	"	"	W	"	"	"	James	Bridget McLoughlin.
" 8	"	James Killoreu.	7	5	21	Dover.	"	"	"	S	"	Boston, Mass.	Boston, Mass.	Allen E.	Susan O. Donald.
" 9	"	Hattie P. Haley.	13	8	13	Madbury	"	F	"	"	"	Halifax	Halifax	"	Mary E. Robinson.

DEATHS REGISTERED IN THE CITY OF DOVER FOR THE YEAR ENDING DECEMBER 31 1887. — *Concluded.*

Date of death.	Place of Death.	Name and surname of deceased.	Age.		Place of Birth.		Sex and Con- dition.			Occupation.	Place of Birth.		Name of Father.	Maiden Name of Mother.
			Years.	Months.		Male.	Female.	Single, married, or widowed.	Father.		Mother.			
				Days.										
Oct.	9	Dover	75	6	9	—, N. H.	F	W	W	...	—, N. H.	Stephen Horne	Abigail Lord.	
"	10	Boston, Mass.	58	3	58	Dover	"	M	"	...	Dover	James W	Nora King	
"	10	Dover	35	1	14	Dover	"	"	S	...	Ireland	Daniel Lynch	Ellen Cotton.	
"	11	"	76	4	76	Wolfeborough	"	"	W	...	Ireland	— Deland	— Neal.	
"	14	"	72	23	72	Wolfeborough	"	"	"	...	Scotland	James	Jane Perry.	
"	17	"	48	4	18	Glasgow, Scotland	"	F	"	...	Ireland	John McGowan	Catherine Connolly.	
"	21	"	13	13	13	Somersworth	"	"	S	...	Ireland	John Chamberlin	Abigail Stevens.	
"	24	"	71	2	2	Alton	"	F	"	...	Alton	John Chamberlin	Abigail Stevens.	
"	24	R. I.	82	1	28	James Sampson	"	M	"	...	Alton	John Chamberlin	Abigail Stevens.	
"	25	Dover	69	45	45	Dover	"	M	W	Clerk	Limerick, Me.	James	Elizabeth Furroughs.	
"	25	"	63	16	63	"	"	F	W	...	Wolfeborough	Jeremiah Libbey	Esther Smith.	
"	25	"	2	16	2	"	"	"	"	...	Ireland	James	Bridget Cassidy.	
"	27	"	18	7	10	Ireland	"	"	"	...	"	Peter	Mary McNally.	
"	27	"	25	10	13	Dover	"	"	"	...	England	George Moore	Ann Cassidy.	
"	27	"	19	19	19	Chelsea, Mass	"	"	S	...	Ireland	George Moore	Ann Cassidy.	
"	27	"	6	21	6	"	"	"	"	...	Ireland	George Moore	Ann Cassidy.	
"	27	"	5	6	5	"	"	"	"	...	Canada	Napoleon	Elizabeth	
"	27	"	9	3	9	"	"	"	"	...	Philadelphia, Pa.	Bernard	Sarah Riley.	
"	28	"	71	8	16	"	"	M	"	...	Stratford	Henry D.	Abby E. Hanson.	
"	30	Tuftonborough	40	3	40	Ireland	"	F	"	...	Ireland	Daniel Murray	Kate	
Nov.	3	Dover	75	4	75	Ireland	"	M	"	...	Ireland	Daniel Murray	Kate	
"	3	Concord	61	61	61	Hannah Longfitt	"	"	"	...	Ireland	Daniel Murray	Kate	
"	4	Dover	1	6	10	Dover	"	F	"	...	Ireland	Daniel Murray	Kate	
"	6	"	77	121	77	"	"	M	"	...	Ireland	Daniel Murray	Kate	
"	6	"	61	71	61	John Clements	"	"	"	...	Ireland	Daniel Murray	Kate	
"	6	"	61	71	61	Frank Simmons	"	"	"	...	Ireland	Daniel Murray	Kate	
"	7	"	21	826	21	Martha H. Colbath	"	"	"	...	Ireland	Daniel Murray	Kate	
"	8	"	31	712	31	Mary E. McManus	"	"	"	...	Ireland	Daniel Murray	Kate	
"	9	"	31	712	31	Mary E. McManus	"	"	"	...	Ireland	Daniel Murray	Kate	



Nov. 13	Dover.	Jesse Rowe.....	46	6	Dover.....	M	W	S	Painter	Portsmouth.	Dover.	Samuel H.	Susan Haley.
" 15	"	Almira Howard.....	69	"	Rochester.....	M	"	"	"	"	Durham.	George W. Tutts...	Addie S. Venner.
" 17	"	Nathaniel Watson.....	59	17	Dover.....	"	"	W	"	Dover.	Durham.	Andrew Tuttle...	Martha Dame.
" 18	"	"	"	"	"	"	"	"	"	"	"	Jonathan Hayes.	Mary Han.
" 23	"	Mary P. Catten.....	94	6	"	"	"	"	F	Madbury.	Barrington	Samuel	Alvial Davis.
" 24	"	Charles Hayes.....	73	7	"	"	"	"	"	Barrington	Canada.	John	Josette
" 26	"	Warren Seavey.....	76	3	Alton.....	"	"	"	"	Canada.	"	Samuel Anderson	Mary Bridge.
" 26	"	Toussaint Brisette.....	50	10	Canada.....	"	"	"	"	Great Falls.	Fall River, Mass	Edwin A.	Mary J. Hathaway.
" 28	"	Ann C. Noble.....	47	11	Kennebunk Pt., Me	"	"	"	"	Dover.	Barrington	Stephen	Phoebe
" 28	"	Simon H. Young.....	5	"	Dover.....	M	"	S	Blacksmith	Ireland	Ireland.	James	Mary Foye.
" 28	"	William T. Howard.....	82	7	"	"	"	"	"	Ireland	Torrington, Ct.	Samuel	Constance Hall.
" 29	"	Thomas McDonald.....	68	10	Torrington, Ct.	"	"	"	"	Ireland	Ireland.	Owen McCone	Mary
Dec. 2	"	Catherine Beach.....	68	10	Ireland	"	"	W	"	Ireland	Ireland.	Samuel Henderson.	Mary McGuinness.
" 6	"	Elizabeth Mooney.....	82	11	"	"	"	"	"	Ireland	"	Patrick	Bridget
" 6	"	Mary E. Dame.....	59	7	Dover.....	"	"	"	"	Dover	New York City.	John	Jennie R. Golding.
" 6	"	Alice Cassidy.....	20	6	Amesbury, Mass.	"	"	S	Mill operative	Dover	P. E. Island.	George S.	Lizzie McKenna.
" 6	"	Frank McGowan.....	54	"	Ireland	M	"	"	Laborer	Danvers, Mass.	Dover	John F.	Deliverance Varney.
" 7	"	Walter P. Everett.....	4	6	Dover.....	"	"	S	"	Lee.	Ireland.	Arthur Murray.	Mary
" 7	"	Perley F. Chase.....	69	11	"	"	"	"	"	Ireland	Portsmouth.	Joseph	Margaret Nelson.
" 10	"	Sophia Meader.....	68	8	Rochester.....	"	"	"	"	England.	Dover.	Dennis	Catherine Cassley.
" 10	"	Mary Hughes.....	82	3	Ireland.	"	"	"	"	Barrington	Strafford	Samuel	Margaret F.
" 13	"	Daniel Dam.....	82	3	W. Newfield, Me.	M	"	W	"	Portsmouth.	Mailbury	Nathaniel	Ann Jackson.
" 14	"	James Elliott.....	45	2	Somersworth.	"	"	"	"	Dover	Dover	"	"
" 14	"	Charles Haley.....	29	"	Dover.....	"	"	S	Painter.	Ireland	Ireland	John Barker.	Mary
" 17	Lawrence, Ms.	Aaron B. King.....	39	8	"	"	"	"	"	Exeter, Me.	Exeter, Me.	William M.	Clara Robinson.
" 18	Dover.	Jason A. Berry.....	63	10	Ireland.	M	"	"	"	Northfield, Vt	Rollinsford.	Charles H.	Rose E. Hanscom.
" 20	"	Nathaniel C. Nutter.....	63	10	Portsmouth	"	"	"	"	Wakenfield	Dover	Thomas	Mary J. Hartford.
" 20	"	James W. Hanson.....	48	8	Dover.....	"	"	"	"	Lebanon, Me.	Lebanon, Me.	Nellie	"
" 20	"	Kate Morgan.....	11	6	"	"	"	"	"	"	"	Phummer Horne...	Mary Waldron.
" 22	"	Charles A. Barker.....	29	5	Exeter, Me.	M	"	"	"	"	"	"	"
" 26	"	Leola Brown.....	"	4	Dover.....	"	"	"	"	"	"	"	"
" 27	"	Helen Dearborn.....	7	27	"	"	"	"	"	"	"	"	"
" 29	"	Jona. B. Goodwin.....	69	4	Lebanon, Me.	M	"	"	Mechanic	"	"	"	"
" 29	"	Rosalie A. Chase.....	35	3	Rochester.....	"	"	M	"	"	"	"	"





